

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

**APPLICATION FOR PERMIT TO DRILL**

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: Slate River Resources, LLC		8. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: 418 East Main CITY Vernal STATE UT ZIP 84078		9. WELL NAME and NUMBER: Mustang 1220-351	10. FIELD AND POOL, OR WILDCAT: Undesignated Widened
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1989' FSL & 689' FEL 616649 X 39.728291 AT PROPOSED PRODUCING ZONE: same as above 4398277Y -109.638884		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 35 12S 20E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 72.0 miles south of Vernal, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 689'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 900'	19. PROPOSED DEPTH: 8,000	20. BOND DESCRIPTION: B-001556	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5715' GR	22. APPROXIMATE DATE WORK WILL START: 12/1/2005	23. ESTIMATED DURATION: 30 Days	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	9 5/8 H-40 32#	2,000	CEMENT "V" 180 SKS 3.82 CF 15.8 PPG
			CEMENT "G" 225 SKS 1.15 CF 15.8 PPG
7 7/8	4 1/2 M-80 11.6#	8,000	PREMIUM CEMENT 140 SKS 3.82 CF 11.0 PPG
			CEMENT "G" 580 SKS 1.26 CF 14.15 PPG

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER     | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN  |
| <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input checked="" type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

**CONFIDENTIAL**

NAME (PLEASE PRINT) Ginger Stringham TITLE Agent

SIGNATURE Ginger Stringham DATE \_\_\_\_\_

(This space for State use only)

API NUMBER ASSIGNED: 43-047-37287

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 11-30-05

(See Instructions on Reverse Side)

**RECEIVED**  
**OCT 20 2005**

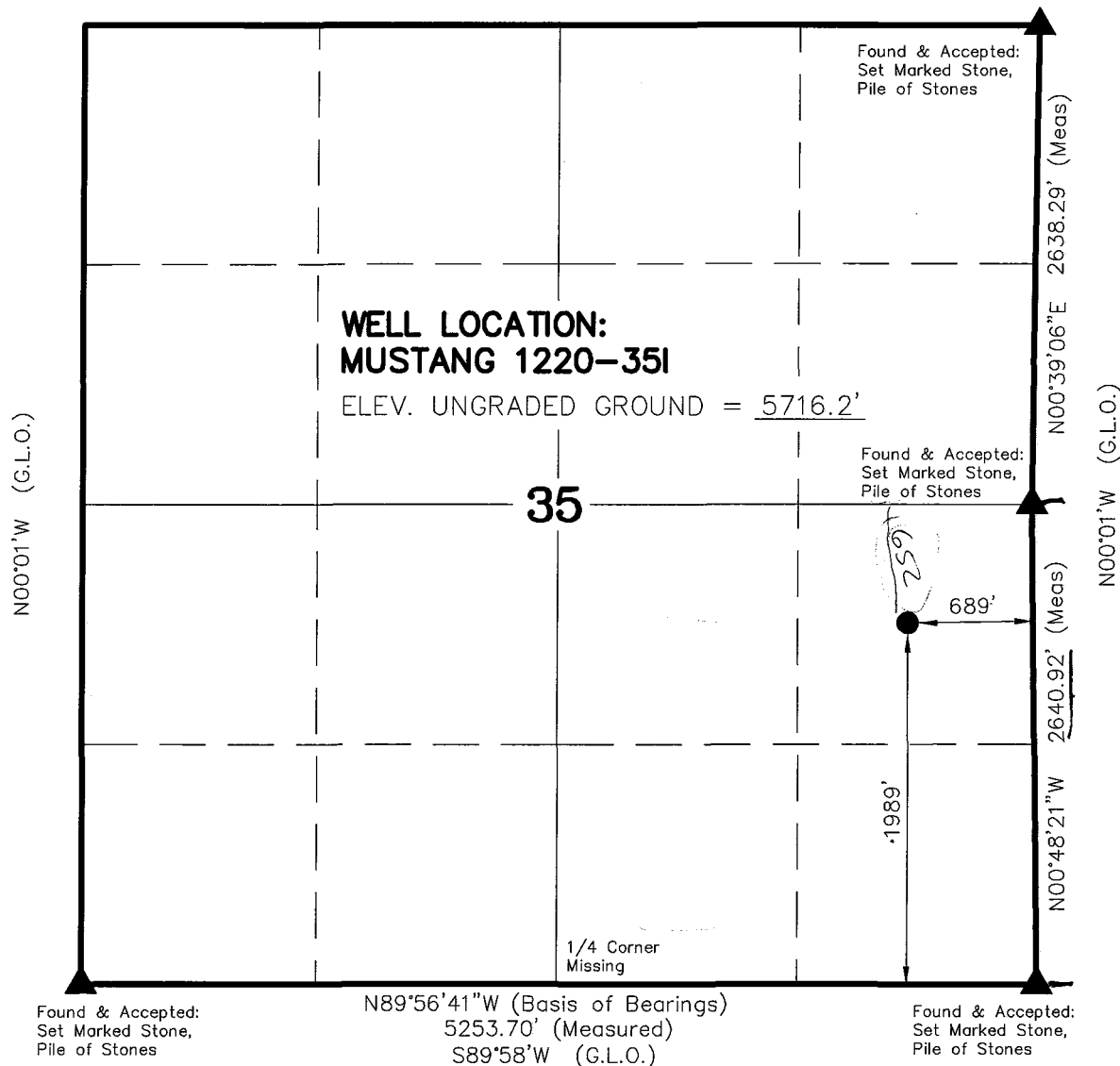
DIV. OF OIL, GAS & MINING

**T12S, R20E, S.L.B.&M.**

S89°58'W - 80.04 (G.L.O.)

**SLATE RIVER RESOURCES, LLC**

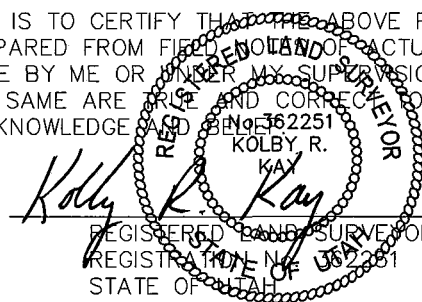
WELL LOCATION, MUSTANG 1220-35I,  
LOCATED AS SHOWN IN THE NE 1/4  
SE 1/4 OF SECTION 35, T12S, R20E,  
S.L.B.&M. UTAH COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES AND ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TIMBERLINE LAND SURVEYING, INC.**

38 WEST 100 NORTH. - VERNAL, UTAH 84078  
(435) 789-1365

DATE SURVEYED: 9-21-05	SURVEYED BY: K.R.K.	SHEET <b>2</b> OF 10
DATE DRAWN: 9-23-05	DRAWN BY: C.B.T.	
SCALE: 1" = 1000'	Date Last Revised:	

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 66 WF 1952  
LOCATED IN THE NE 1/4 OF SECTION 6, T13S, R21E,  
S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS  
MARKED ON THE AGENCY DRAW NE 7.5 MIN.  
QUADRANGLE AS BEING 5812'.

**MUSTANG 1220-35I**  
**(Proposed Well Head)**  
**NAD 83 Autonomous**

LATITUDE = 39° 43' 41.9"  
LONGITUDE = 109° 38' 23.0"

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: Fee Leases, see attached

LEASE NUMBER: Fee, no numbers assigned

and hereby designates

NAME: Ginger Stringham, Paradigm Consulting Inc.

ADDRESS: PO Box 790203

city Vernal state UT zip 84078

as his (check one) agent ☒ / operator ☐, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)

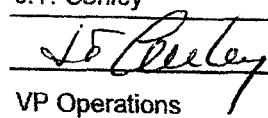
Fee leases, see attached

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 03/01/2005

BY: (Name) J.T. Conley  
(Signature)   
(Title) VP Operations  
(Phone) (435) 781-1871

OF: (Company) Slate River Resources, LLC  
(Address) 418 East Main  
city Vernal  
state UT zip 84078

UT10001.000

Eagle Minerals Ltd. Oil and Gas Lease

Dated February 1, 2005

Recorded Book 914, Page 535 Uintah County, Utah

**DESCRIPTION OF LEASED PREMISES:**

TOWNSHIP 12 SOUTH, RANGE 20 EAST, S.L.M.

Section 21:	All (640.00 acres)	Serial Number: 10:079:0001
Section 22:	All (640.00 acres)	Serial Number: 10:080:0001
Section 23:	All (640.00 acres)	Serial Number: 10:081:0001
Section 24:	W/2 (320.00 acres)	Serial Number: 10:082:0001
Section 25:	W/2 (320.00 acres)	Serial Number: 10:083:0001
Section 26:	All (640.00 acres)	Serial Number: 10:084:0001
Section 27:	All (640.00 acres)	Serial Number: 10:085:0001
Section 28:	All (640.00 acres)	Serial Number: 10:086:0001
Section 29:	All (640.00 acres)	Serial Number: 10:087:0001
Section 35:	All (640.00 acres)	Serial Number: 10:089:0001

TOWNSHIP 12 SOUTH, RANGE 21 EAST, S.L.M.

Section 31:	Lots 3, 4, E/2SW/4 (SW/4) (149.66 acres)	Serial Number: 10:093:0002
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TOWNSHIP 13 SOUTH, RANGE 20 EAST, S.L.M.

Section 1:	Lots 1,2,3,4, S/2N/2, S/2 (All) (640.24 acres)	Serial Number: 11:004:0001
Section 3:	Lots 1,2,3,4, S/2N/2, S/2 (All) (641.80 acres)	Serial Number: 11:005:0001
Section 4:	Lots 1,2,3,4, S/2N/2, S/2 (All) (642.00 acres)	Serial Number: 11:006:0001
Section 5:	Lots 1,2,3,4, S/2N/2, S/2 (All) (641.40 acres)	Serial Number: 11:007:0001
Section 6:	Lots 1,2,3,8,10,11,13, S/2 NE/4, SE/4NW/4, E/2SW/4, SE/4 (585.52 acres)	Serial Number: 11:008:0001
Section 7:	Lots 2,3,4,5, E/2W/2, E/2 (All) (636.15 acres)	Serial Number: 11:009:0001
Section 8:	All (640 acres)	Serial Number: 11:010:0001
Section 9:	All (640 acres)	Serial Number: 11:011:0001
Section 10:	All (640 acres)	Serial Number: 11:012:0001
Section 11:	All (640 acres)	Serial Number: 11:013:0001
Section 12:	All (640 acres)	Serial Number: 11:014:0001
Section 13:	All (640 acres)	Serial Number: 11:015:0001
Section 14:	All (640 acres)	Serial Number: 11:016:0001
Section 15:	E/2 (320 acres)	Serial Number: 11:017:0001
Section 22:	E/2 (320 acres)	Serial Number: 11:018:0001
Section 23:	All (640 acres)	Serial Number: 11:019:0001
Section 24:	All (640 acres)	Serial Number: 11:020:0001
Section 25:	All (640 acres)	Serial Number: 11:021:0001
Section 26:	All (640 acres)	Serial Number: 11:022:0001
Section 27:	NE/4 (160 acres)	Serial Number: 11:023:0001

TOWNSHIP 13 SOUTH, RANGE 21 EAST, S.L.M.

Section 6:	Lots 3,4,5,6,7, SE/4NW/4, E/2SW/4 (W/2) (299.60 acres)	Serial Number: 11:026:0002
Section 7:	Lots 1,2,3,4, E/2W/2 (W/2) (300.28 acres)	Serial Number: 11:027:0002
Section 18:	Lots 1,2,3,4, E/2W/2 (W/2) (301.64 acres)	Serial Number: 11:033:0001
Section 19:	Lots 1,2,3,4, E/2W/2 (W/2) (303.44 acres)	Serial Number: 11:034:0001
Section 30:	Lots 1,2,3,4, E/2W/2 (W/2) (304.80 acres)	Serial Number: 11:038:0001
Section 31:	Lots 1,2, E/2NW/4 (NW/4) (153.27 acres)	Serial Number: 11:039:0001

UINTAH COUNTY, UTAH

containing a total of 19,199.80 acres, more or less

**UT10002.000**

**Uintah Oil Association Oil & Gas Lease**

**Dated September 15, 2004**

**Recorded Book 904, Page 1 Uintah County, Utah**

**Description of Leased Premises**

Township 12 South, Range 21 East

Sec 31: SE/4

Sec 32: S/2

Township 13 South, Range 21 East

Sec 5: Lots 2,3,4, S/2NW/4, SW/4NE/4, SW/4, W/2SE/4

Sec 6: Lots 1,2, S/2NE/4, SE/4

Sec 7: E/2

Sec 8: W/2, W/2NE/4, NW/4SE/4

Uintah County, Utah

2,038.96 acres

**UT10003.000**

**Utah Oil Shales, Inc. Oil & Gas Lease**

**Dated September 15, 2004**

**Recorded Book 904, Page 9 Uintah County, Utah**

**Description of Leased Premises**

Township 13 South, Range 21 East

Sec 4: Lots 1,2,3,4, S/2N/2, S/2

Sec 5: Lot 1, SE/4NE/4, E/2SE/4

Sec 8: E/2E/2, SW/4SE/4

Sec 9: All

Sec 16: W/2

Sec 17: E/2

Uintah County, Utah

2,278.69 acres

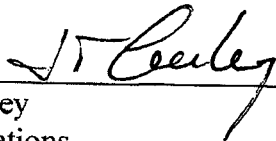
AFFIDAVIT OF SURFACE OWNER USE AGREEMENT

Slate River Resources, LLC has in place, agreements with the surface owners of the following leases. Slate River Resources, LLC is the operator and makes this certification that the agreements provide for management of the Fee surface lands under development.

**Eagle Minerals Ltd. Oil and Gas Lease**

**Uintah Oil Association Oil & Gas Lease**

**Utah Oil Shales, Inc. Oil & Gas Lease**



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J.T. Conley  
VP Operations  
Slate River Resources, LLC  
418 East Main  
Vernal, UT 84078  
435-781-1871

**Ten Point Plan**

**Slate River Resources, LLC**

**Mustang 1220-35I**

**Section 35, Township 12 South, Range 20 East, NE¼ SE¼**

**1. Surface Formation**

Green River

**2. Estimated Formation Tops and Datum:**

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	5,715' G.R.
Wasatch	2370'	3,345'
Mesaverde	4870'	845'
Castlegate	6850'	-1,135'
Mancos	7500'	-1,785'
TD	8000'	-2,285'

A 12 ¼ hole will be drilled to 2,000' +/- . The hole depth will depend on the depth that the Birds Nest Zone is encountered. The hole will be drilled 400' beyond the top of the Birds Nest.

**3. Producing Formation Depth:**

Formation objective includes the Green River, Wasatch, Mesaverde and its sub-members.

Off Set Well information (Wells within a one-mile radius)

**Drilling/Permitted:**

**Abandon Well:**

35-1A

W Willow Creek Ranch 2

#### 4. Proposed Casing:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/FT</u>	<u>Grade</u>	<u>Coupling &amp; Tread</u>	<u>Casing Depth</u>	<u>New/Used</u>
12 1/4	9 5/8	32#	H-40	ST&C	2000	NEW
7 7/8	4 1/2	11.6#	M-80	LT&C	T.D.	NEW

#### Cement Program:

The Surface Casing will be cemented to the Surface as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:	9 5/8	Cement "V" Gel 16% BWOC Gilsonite 10#/sk Salt 3% BWOC GR-3 3#/sk Flocele 1/4#/sk	180 sks +/-	3.82 ft <sup>3</sup> /sk	15.8 ppg
Tail:	9 5/8	Cement "G" Calcium Chloride 2% BWOC Flocele 1/4 #/sk 0.1% R-3 2% Bentonite	225 sks. +/-	1.15 ft <sup>3</sup> /sk	15.8 ppg
Top Out:	9 5/8	Cement "G" Calcium Chloride 3%BWOC Flocele 1/4 #/sk	100 sks +/-	1.15 ft <sup>3</sup> /sk	15.8 ppg



Production casing will be cemented to 2,000' or higher as follows:

	<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amounts</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
Lead:					
	4 1/2	Premium Cement 100% Gel 16% BWOC Salt 3% BWOC Gilsonite 10#/sk Flocele 1/4 #/sk GR-3 3#/sk	140 sks +/-	3.82ft <sup>3</sup> /sk	11.0 ppg
Tail:					
	4 1/2	Class "G" 50% POZ 50% Gel 2% BWOC Salt 10%BWOC Dispersant .2% BWOC Fluid loss .3% Flocele 1/4 #/sk	580 sks +/-	1.26ft <sup>3</sup> /sk	14.15 ppg

## 5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3600 psi.

A 3000-psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

## 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs./gal.</u>	<u>Viscosity Sec./OT.</u>	<u>Fluid Loss Ml/30 Mins.</u>	<u>Mud Type</u>
0-2000	Air/Mist	-----	No Control	Air/Air mist
2000-T.D.	8.4-12.0	30	8-10	Water/Gel

## **7. Auxiliary Equipment**

Upper Kelly cock, full opening stabbing valve, 2 ½" choke manifold and pit level indicator.

## **8. Testing, Coring, Sampling and Logging:**

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 25' from 2000' to T.D.
- d) Logging: 

Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

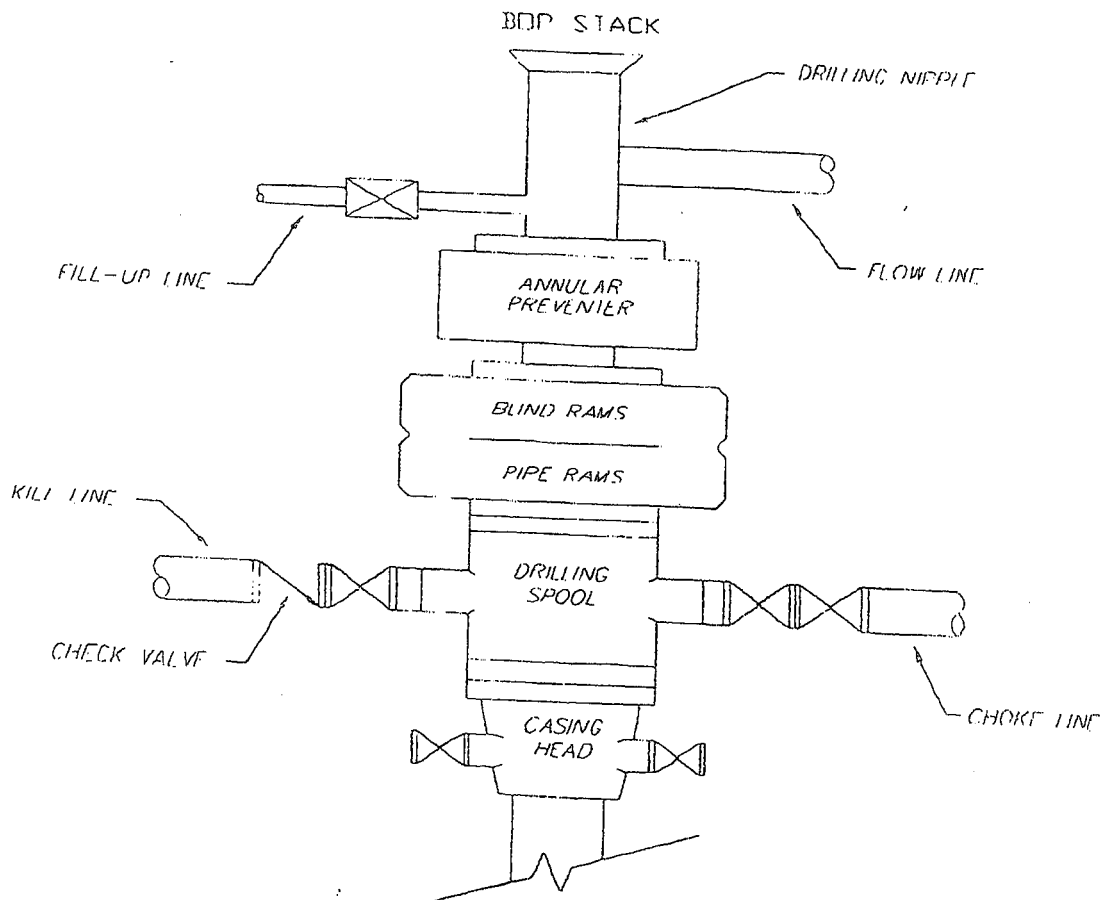
## **9. Abnormalities (including sour gas):**

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

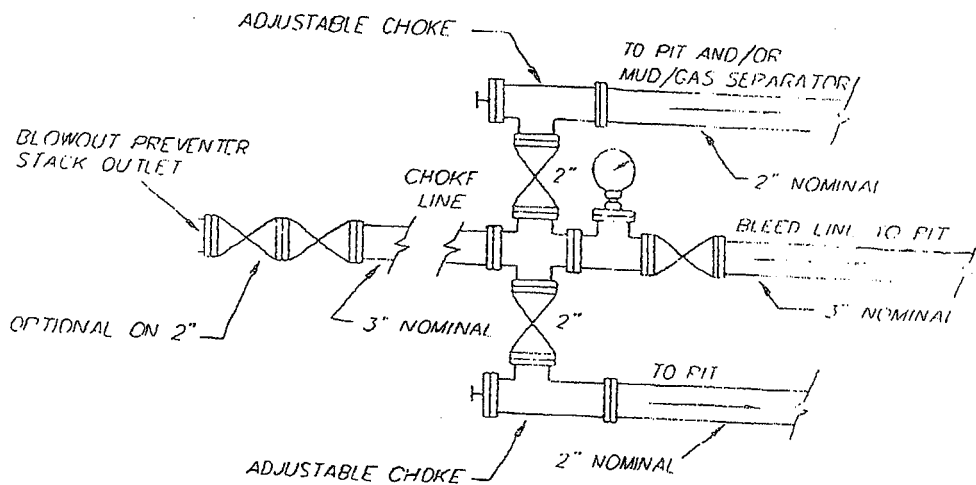
## **10. Drilling Schedule:**

The anticipated starting date is December 01, 2005. Duration of operations is expected to be 30 days.

TYPICAL 3,000 p.s.i.  
BLOWOUT PREVENTER SCHEMATIC



TYPICAL 3,000 p.s.i.  
CHOKES MANIFOLD SCHEMATIC



**SLATE RIVER RESOURCES, LLC**

**13 POINT SURFACE USE PLAN**

**FOR WELL**

**MUATANG 1220-35I**

**LOCATED IN NE  $\frac{1}{4}$  SE  $\frac{1}{4}$**

**SECTION 35, T.12S, R20E, S.L.B.&M.**

**UINTAH COUNTY, UTAH**

**LEASE NUMBER: FEE**

**SURFACE OWNERSHIP: FEE**

1. Existing Roads:

SLATE RIVER RESOURCES, LLC

Mustang 1220-35I

Section 35, T12S, R20E, S.L.B.&M.

1989' FSL & 689' FEL

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION ALONG STATE HIGHWAY 88 APPROXIMATELY 17 MILES TO OURAY, UTAH; FROM OURAY, PROCEED IN A SOUTHERLY DIRECTION ALONG THE SEEP RIDGE ROAD (COUNTY B ROAD 2810) APPROXIMATELY 29.4 MILES TO ITS INTERSECTION WITH THE BUCK CANYON ROAD (COUNTY B ROAD 5460); EXIT RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION ALONG THE BUCK CANYON ROAD APPROXIMATELY 3.2 MILES TO WILLOW CREEK; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION ALONG THE WILLOW CREEK ROAD (COUNTY B ROAD 5120) APPROXIMATELY 2.1 MILES TO ITS INTERSECTION WITH THE AGENCY DRAW ROAD (COUNTY B ROAD 5340); EXIT LEFT AND PROCEED IN A WESTERLY THEN SOUTHWESTERLY DIRECTION ALONG THE AGENCY DRAW ROAD APPROXIMATELY 4.5 MILES TO ITS INTERSECTION WITH THE J.P. MAN ROAD (COUNTY B ROAD 5440); EXIT RIGHT AND PROCEED IN A NORTHERLY DIRECTION ALONG THE J.P. MAN ROAD APPROXIMATELY 1.7 MILES TO THE PROPOSED ACCESS ROAD; FOLLOW ROAD FLAGS IN A EASTERLY DIRECTION APPROXIMATELY 735 FEET TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 72.0 MILES.

All existing roads to the proposed location are State of Utah, BLM maintained or County Class D roads. Please see the attached map for additional details.

2. Planned access road

The proposed access road will be approximately 735' +/- of new construction on lease. The road will be graded once per year minimum and maintained.

A) Approximate length	735 ft
B) Right-of-Way width	30 ft
C) Running surface	18 ft
D) Surface material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road Flagged	Yes
K) Access road surface ownership	Fee
L) All new construction on lease	Yes
M) Pipe line crossing	No

Please see the attached location plat for additional details.

An off lease Right-of-Way will not be required.

All surface disturbances for the road and location will be within the lease boundary.

### 3. Location of existing wells

The following wells are located within a one-mile radius of the location site.

A) Producing well	None
B) Water well	None
C) Abandoned well	
W Willow Creek Ranch 2	
35-1A	
D) Temp. abandoned well	None
E) Disposal well	None
F) Drilling /Permitted well	None
G) Shut in wells	None
H) Injection well	None
I) Monitoring or observation well	None

Please see the attached map for additional details.

### 4. Location of tank batteries, production facilities and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Carlsbad Canyon or Olive Green** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the

battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulation identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

If the well is capable of economic production a surface gas line will be required.

**Approximately 9,969' +/- of 3" steel surface pipeline would be constructed on Private and State Lands. The line would tie into the proposed pipeline in Section 10, T13S, R20E. The line will be strung and boomed to the south of the location and will follow the access roads. The line will be buried at road crossings.**

**An off lease Right-of-Way will be required. An easement will be filed with State Trust Lands.**

Please see the attached location diagrams for pipeline location. There will be no additional surface disturbances required for the installation of a gathering line.

The gas meter run will be located within 500' of the wellhead. The gas line will be buried or anchored down from the wellhead to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any

deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter-proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office and State of Utah, Division of Oil, Gas, and Mining. All measurement facilities will conform to API (American Petroleum Institute) and AGA (American Gas Association) standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

**Water for drilling and cementing will come from Willow Creek Permit # - T75377.**

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravel or pit lining material will be obtained from private resources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately **10 ft.** deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will be lined. The reserve pit will be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 120 days after initial production. During the 120-day period an application for approval for permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized landfill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up:

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

## 8. Ancillary facilities

There are no ancillary facilities planned at this time and none are foreseen for the future.

## 9. Well-site layout

Location dimensions are as follows:

<b>A) Pad length</b>	<b>340 ft</b>
<b>B) Pad width</b>	<b>270 ft</b>
<b>C) Pit depth</b>	<b>10 ft</b>
<b>D) Pit length</b>	<b>160 ft</b>
<b>E) Pit width</b>	<b>80 ft</b>
<b>F) Max cut</b>	<b>16.5 ft</b>
<b>G) Max fill</b>	<b>4.7 ft</b>
<b>H) Total cut yds.</b>	<b>7,070 cu yds</b>
<b>I) Pit location</b>	<b>South end</b>
<b>J) Top soil location</b>	<b>North end</b>
<b>K) Access road location</b>	<b>West end</b>
<b>L) Flare Pit</b>	<b>corner C</b>

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.

- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.

- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

## 10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The topsoil removed and piled will amount to approximately **1,490** cubic yards of material. Topsoil will be stockpiled in one distinct pile.

Placement of the topsoil is noted on the attached location plat. The topsoil pile from the location will be seeded as soon as the soil is stock piled with the seed mix listed. When all drilling and completion activities have been completed and the pit back-filled the topsoil from the pit area will be spread on the pit area. The pit area will be seeded when the soil has been spread. The unused portion of the location (the area outside the dead men) will be re-contoured.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.



Changes to the drainage during the construction activities shall be restored to its original line of flow or as near as possible when the pit is back-filled

All disturbed areas will be re-contoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 120 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rainfall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert the run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified. And left with a rough surface.

A) Seeding dates:

Seed will be spread when topsoil is stock piled and when reclamation work is performed.

The seed mix and quantity list will be used whether the seed is broadcast or drilled.

B) Seed Mix

**To be determined by surface owner or will reflect the native vegetation.**

11. Surface ownership:

Access road	Fee
Location	Fee
Pipe line	State & Fee

12. Other information:

A) Vegetation

The vegetation coverage is Slight. The majority of the existing vegetation consists of Sagebrush. Rabbit brush, Bitter Brush, and Indian Rice grass are also found on the location.

B) Dwellings:

There are no dwelling or other facilities within a one-mile radius of the location.

C) Archeology:

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations, which would affect such sites, will be suspended and the discovery reported promptly to the surface owner.

D) Water:

The nearest water is Willow Creek located approximately 3.5 miles to the East.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

- a) Location Construction  
At least forty eight (48) hours prior to construction of location and access roads.
- b) Location completion  
Prior to moving on the drilling rig.
- c) Spud notice  
At least twenty-four (24) hours prior to spudding the well.
- d) Casing string and cementing  
At least twenty-four (24) hours prior to running casing and cementing all casing strings.
- e) BOP and related equipment tests  
At least twenty-four (24) hours prior to initial pressure tests.
- f) First production notice  
Within five (5) business days after the new well begins, or production resumes after well has been off production for more than 90 days.

G) Flare pit:

The flare pit will be located in **corner C** of the reserve pit out side the pit fences and 100 feet from the bore hole on the east side of the location. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative(s)

JT Conley  
Slate River Resources, LLC  
418 East Main ST  
Vernal, UT 84078

Office 435-781-1871  
Fax 435-781-1875

Ginger P Stringham, Agent  
Paradigm Consulting, INC  
PO BOX 790203  
Vernal, UT 84079

Office 435-789-4162  
Cell 435-790-4163

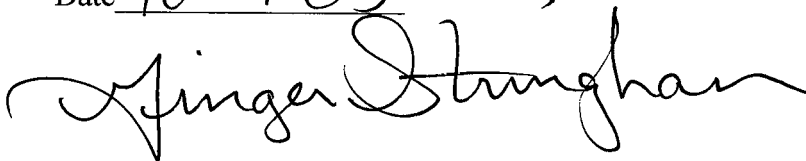
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

**B) Certification:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be preformed by Slate River Resources, LLC and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date 10-17-05

A handwritten signature in black ink, reading "Ginger Stringham". The signature is fluid and cursive, with the first name "Ginger" and last name "Stringham" clearly legible.

Ginger P Stringham, Agent  
Paradigm Consulting, INC

**Onsite Dates:**

### **Statement of use of Hazardous Materials**

No chemical(s) from the EPA's consolidated list of Chemicals Subject to Reporting under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986 will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

Ginger Stringham  
Agent for Slate River Resources, LLC  
Paradigm Consulting, INC  
PO BOX 790203  
Vernal, UT 84079

435-790-4163 Office  
435-789-0255 Fax

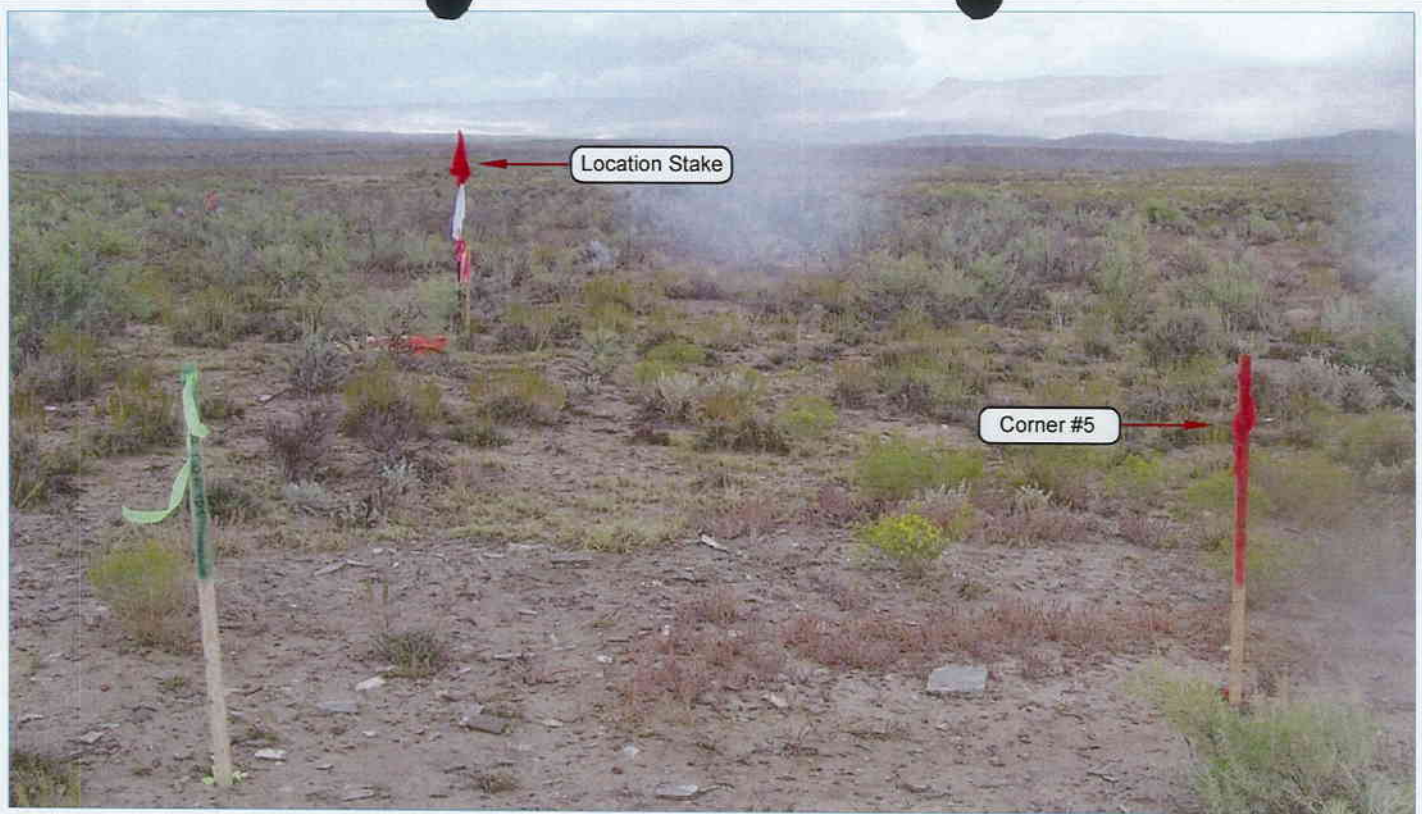


PHOTO VIEW: FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO VIEW: FROM BEGINNING OF PROPOSED ROAD

CAMERA ANGLE: EASTERLY

## SLATE RIVER RESOURCES, LLC

**Mustang 1220-35I**  
**SECTION 35, T12S, R20E, S.L.B.&M.**  
**1989' FSL & 689' FEL**

### LOCATION PHOTOS

TAKEN BY: B.J.S.

DRAWN BY: M.W.W.

DATE TAKEN: 09-21-05

DATE DRAWN: 09-27-05

REVISED:

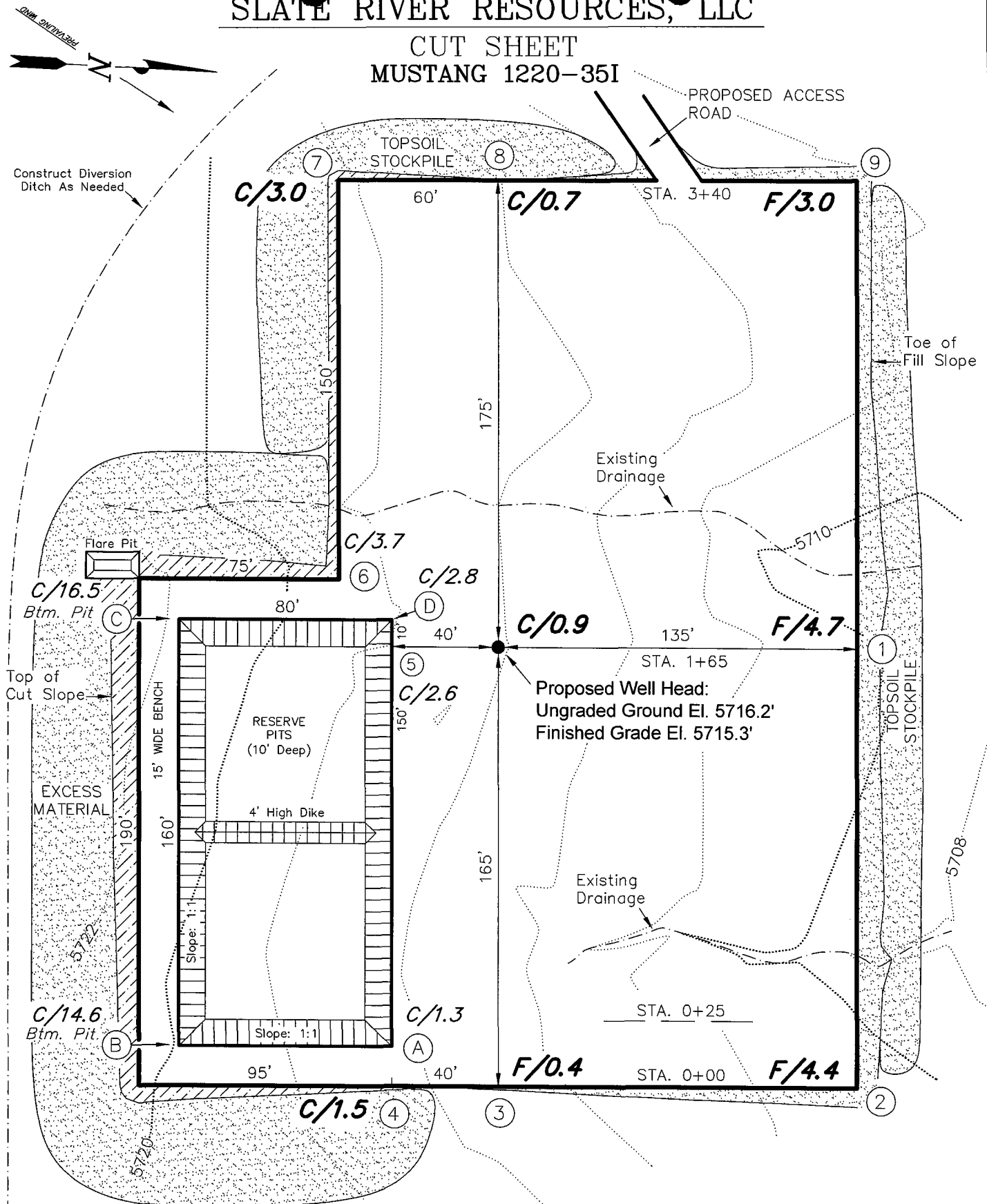
**Timberline Land Surveying, Inc.**

38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**1**  
**OF 10**

# SLATE RIVER RESOURCES, LLC

## CUT SHEET MUSTANG 1220-35I



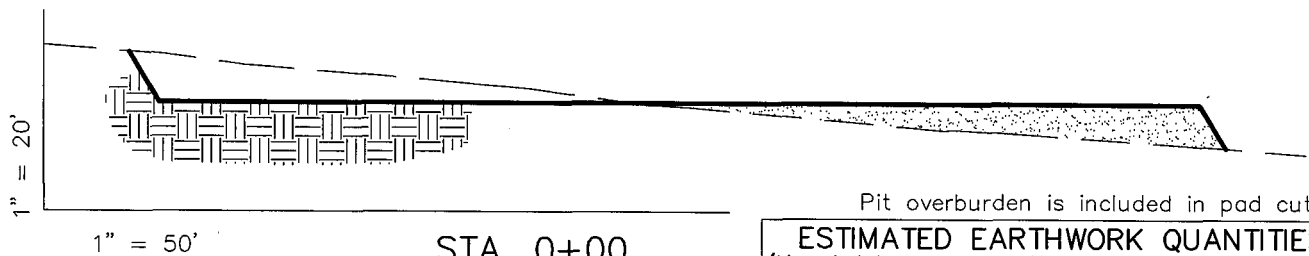
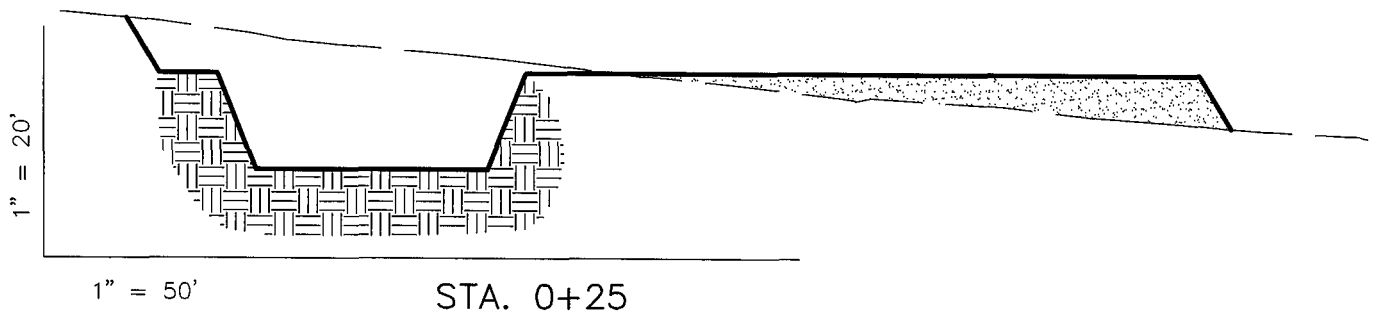
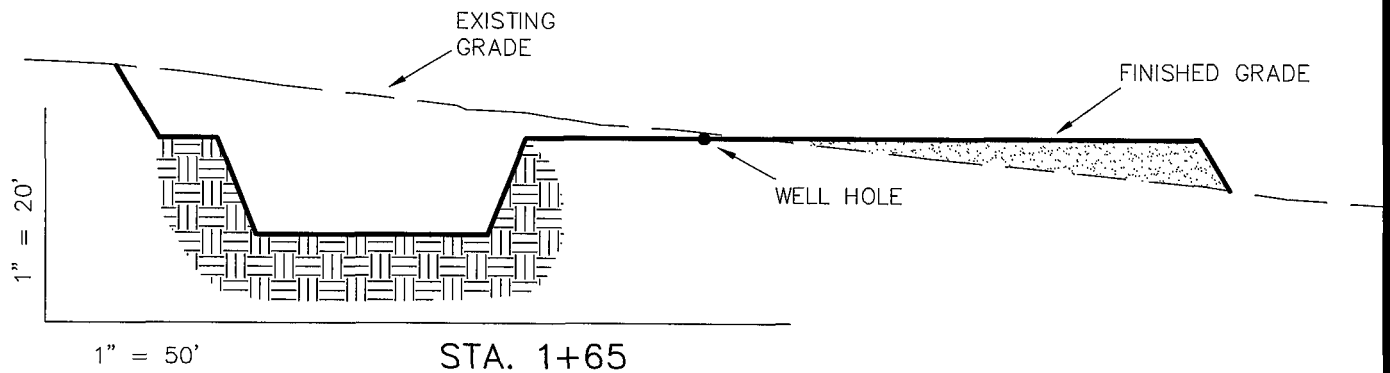
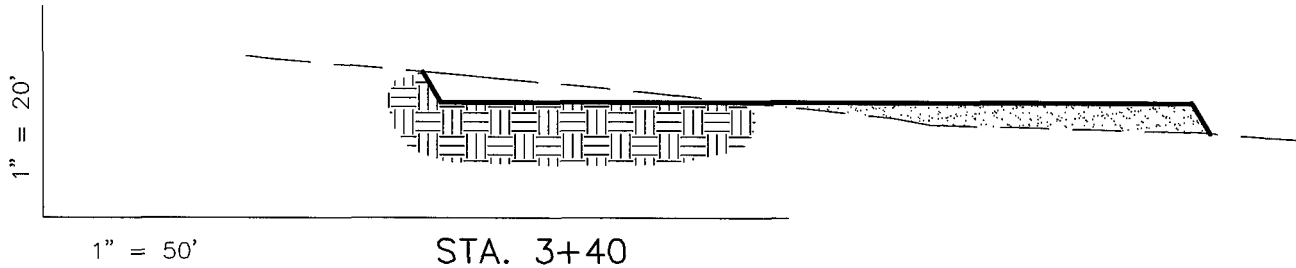
CONTOUR INTERVAL = 2'

Section 35, T12S, R20E, S.L.B.&M.		Qtr/Qtr Location: NE SE		Footage Location: 1989' FSL 689' FEL	
Date Surveyed: 9-21-05	Date Drawn: 9-23-05	Date Last Revision:	<div>Timberline<i>Land Surveying, Inc.</i></div> <div>(435) 789-1365</div> <div>38 WEST 100 NORTH VERNAL, UTAH 84078</div>		SHEET 3 OF 10
Surveyed By: B.J.S.	Drawn By: C.B.T.	Scale: 1" = 50'			



# SLATE RIVER RESOURCES, LLC

## CROSS SECTIONS MUSTANG 1220-35I



Pit overburden is included in pad cut.

### ESTIMATED EARTHWORK QUANTITIES (No shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,220	5,140	Topsoil is not included in Pad Cut	-1,920
PIT	3,850	0		3,850
TOTALS	7,070	5,140	1,490	1,930

Excess Material after Pit Rehabilitation = 0 Cu. Yds.

### REFERENCE POINTS

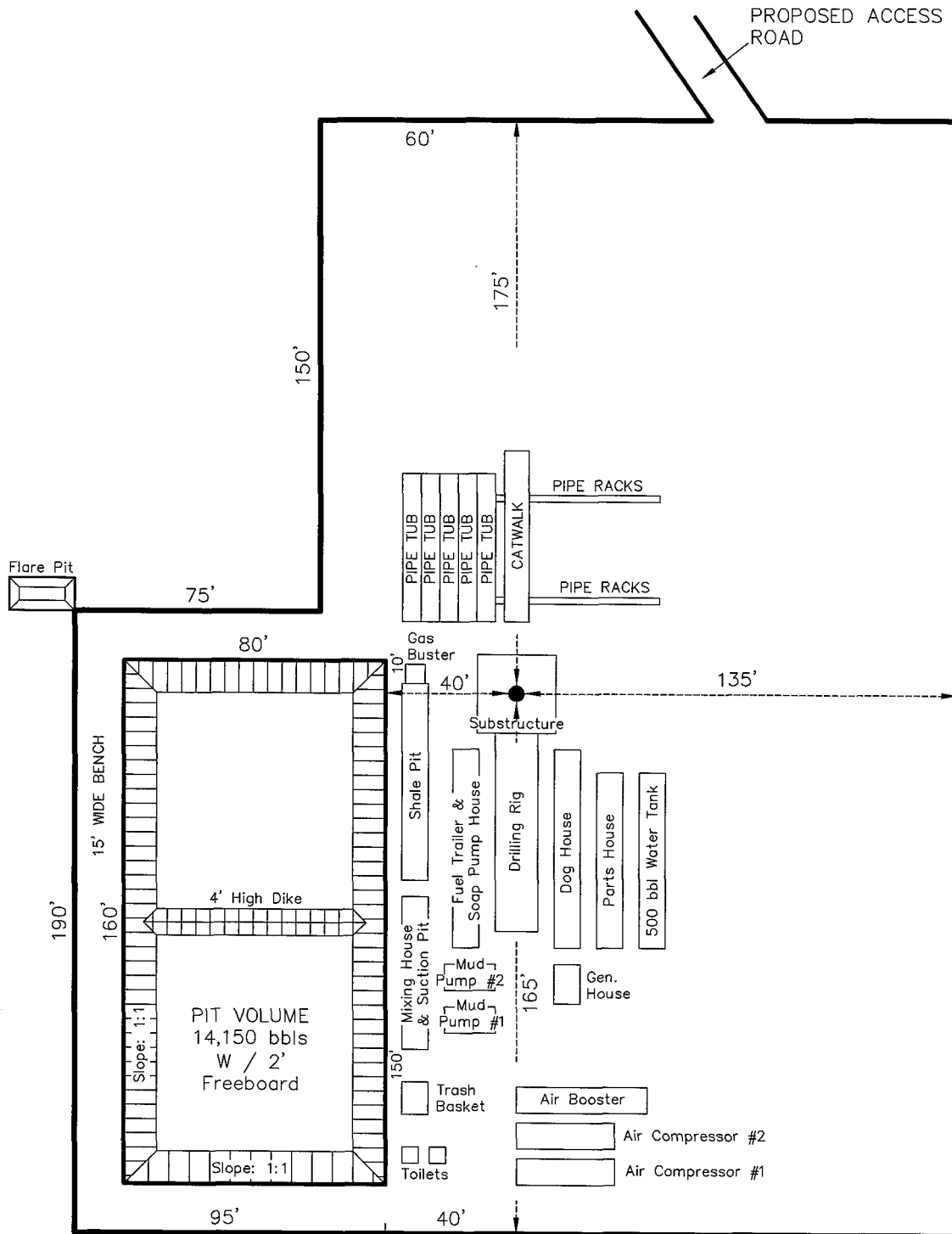
185' Northerly	5708.5'
235' Northerly	5706.1'
215' Easterly	5716.8'
265' Easterly	5717.2'

NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

Section 35, T12S, R20E, S.L.B.&M.	Qtr/Qtr Location: NE SE	Footage Location: 1989' FSL 689' FEL
Date Surveyed: 9-21-05	Date Drawn: 9-23-05	Date Last Revision:
Surveyed By: B.J.S.	Drawn By: C.B.T.	Scale: 1" = 50'
<b>Timberline</b> (435) 789-1365 <b>Land Surveying, Inc.</b> 38 WEST 100 NORTH VERNAL, UTAH 84078		
SHEET 4 OF 10		

# SLATE RIVER RESOURCES, LLC

## TYPICAL RIG LAYOUT MUSTANG 1220-35I



Section 35, T12S, R20E, S.L.B.&M.

Qtr/Qtr Location: NE SE

Footage Location: 1989' FSL 689' FEL

Date Surveyed:  
9-21-05

Date Drawn:  
9-23-05

Date Last Revision:

**Timberline** (435) 789-1365  
**Land Surveying, Inc.**

**SHEET**

Surveyed By: B.J.S.

Drawn By: C.B.T.

Scale: 1" = 50'

38 WEST 100 NORTH VERNAL, UTAH 84078

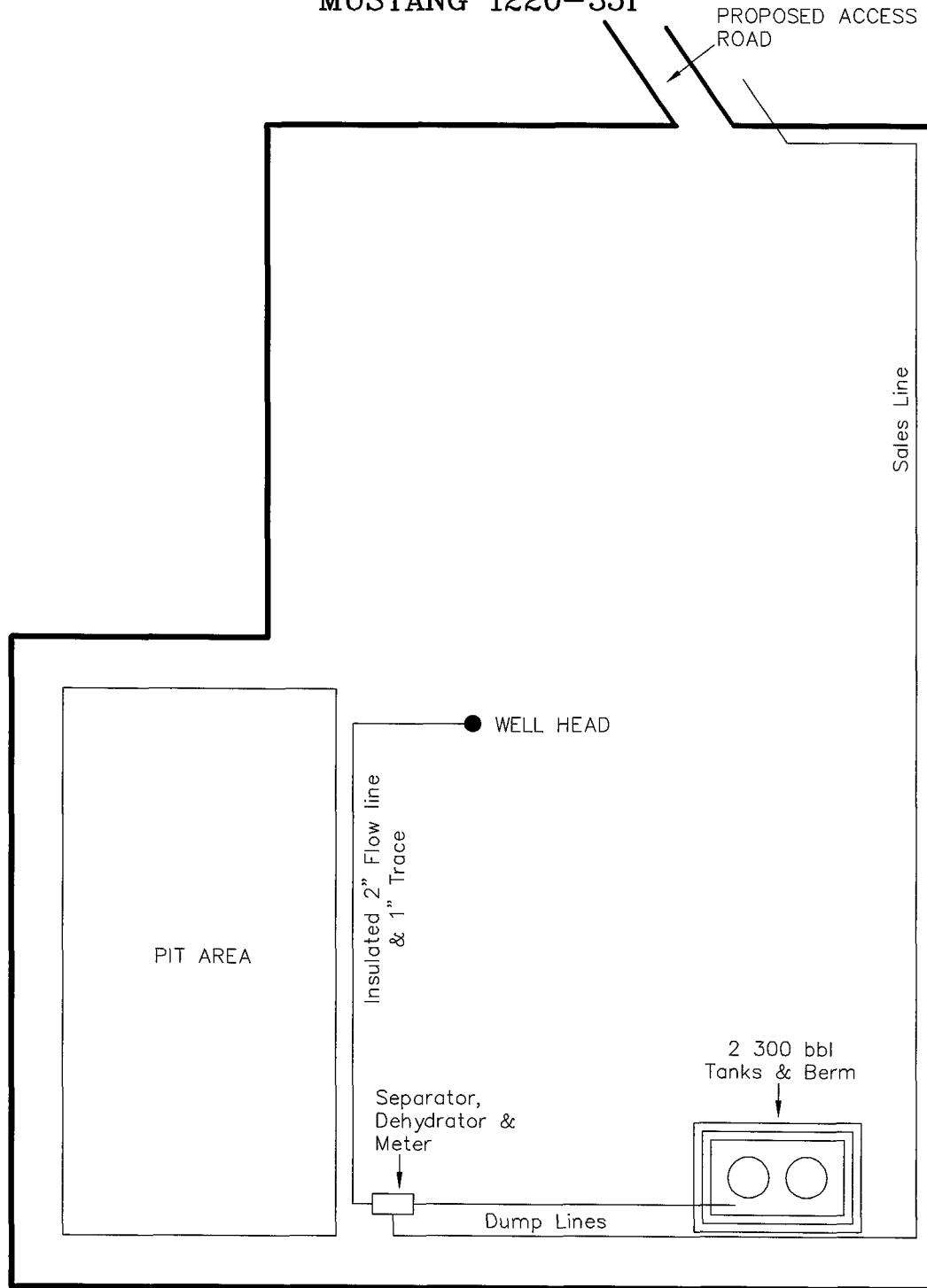
**5**  
**OF 10**



# SLATE RIVER RESOURCES, LLC

## TYPICAL PRODUCTION LAYOUT

MUSTANG 1220-35I



Section 35, T12S, R20E, S.L.B.&M.

Qtr/Qtr Location: NE SE

Footage Location: 1989' FSL 689' FEL

Date Surveyed:  
9-21-05

Date Drawn:  
9-23-05

Date Last Revision:

**Timberline** (435) 789-1365  
*Land Surveying, Inc.*

SHEET

Surveyed By: B.J.S.

Drawn By: C.B.T.

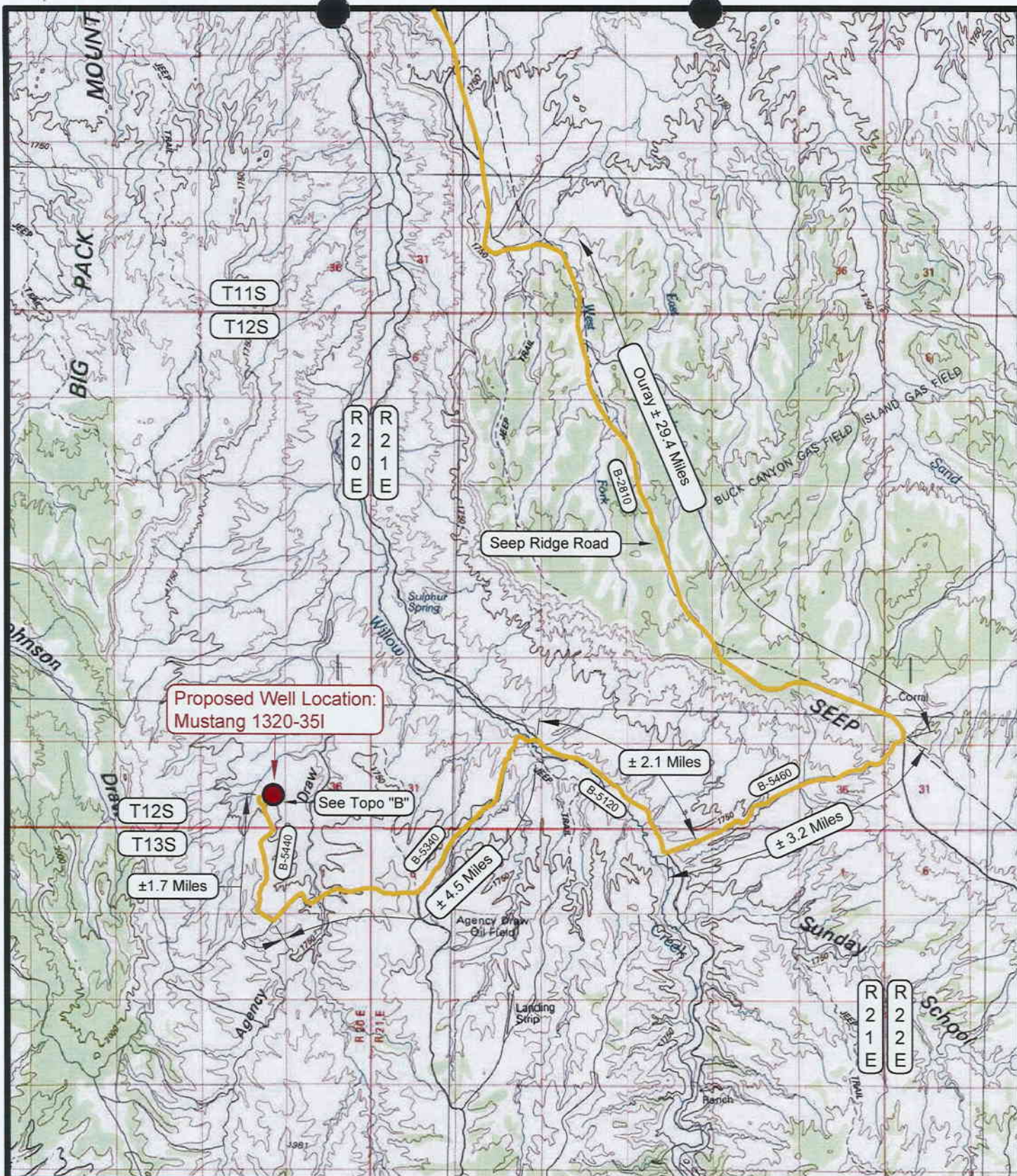
Scale: 1" = 50'

38 WEST 100 NORTH VERNAL, UTAH 84078

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OF 10





# LEGEND

- = PROPOSED WELL LOCATION
- = EXISTING ROAD
- = PROPOSED ACCESS ROAD
- B-5460 = COUNTY ROAD CLASS & NUMBER

## TOPOGRAPHIC MAP "A"

SCALE: 1:100,000

DRAWN BY: M.W.W.

DATE SURVEYED: 9-21-05

DATE DRAWN: 9-25-05

REVISED:

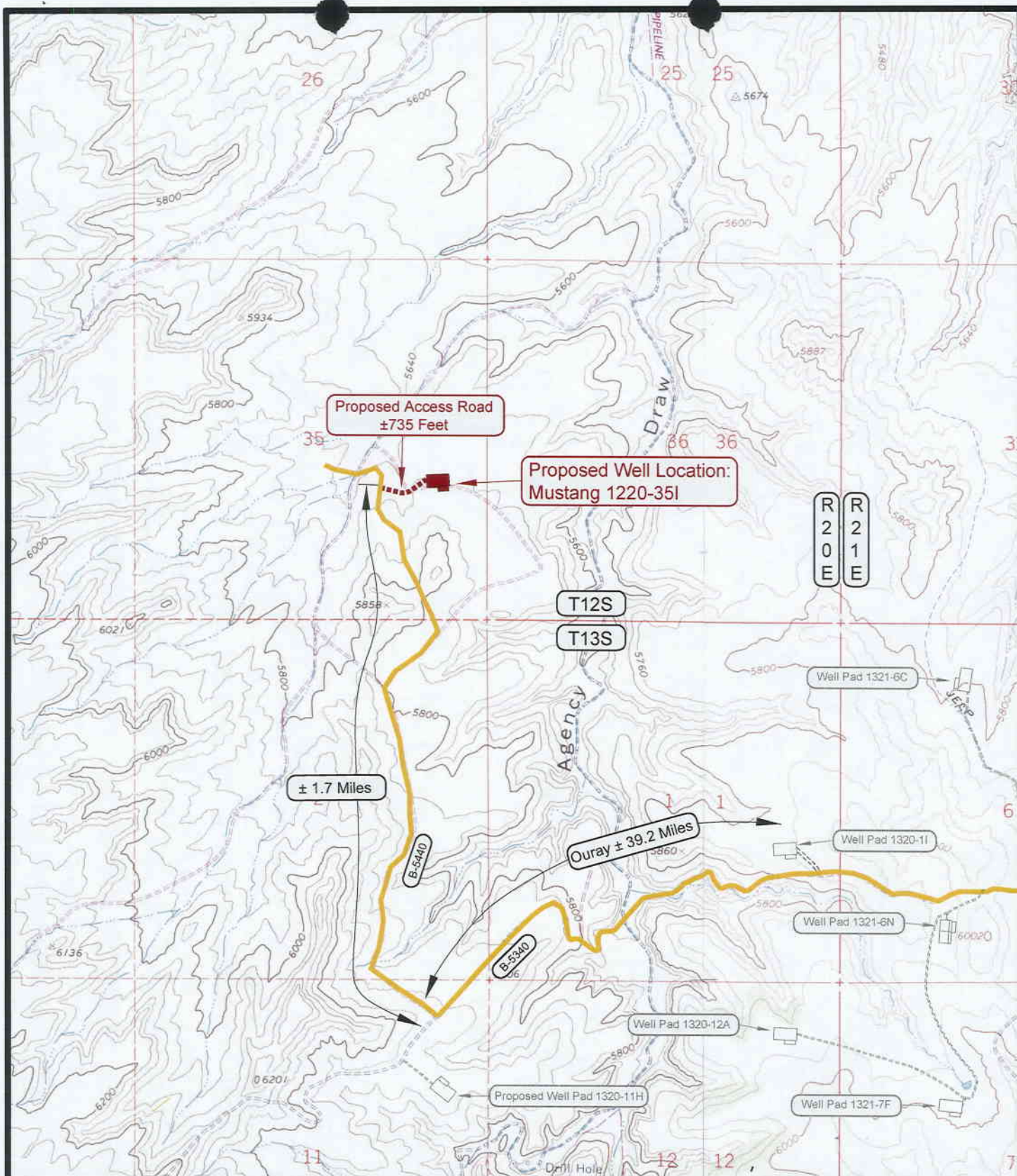
## SLATE RIVER RESOURCES, LLC

**Mustang 1220-35I**  
**SECTION 35, T12S, R20E, S.L.B.&M.**  
**1989' FSL & 689' FEL**

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**7**  
**OF 10**





#### LEGEND

- PROPOSED ACCESS ROAD
- ===== = SUBJECT WELL
- ===== = SHARED ACCESS
- ===== = EXISTING ROAD
- ===== = EXISTING ROAD (TO BE IMPROVED)
- (B-5460) = COUNTY ROAD CLASS & NUMBER
- ===== = LEASE LINE AND / OR PROPERTY LINE

#### TOPOGRAPHIC MAP "B"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 09-21-05

DATE DRAWN: 09-25-05

REVISED:

#### SLATE RIVER RESOURCES, LLC

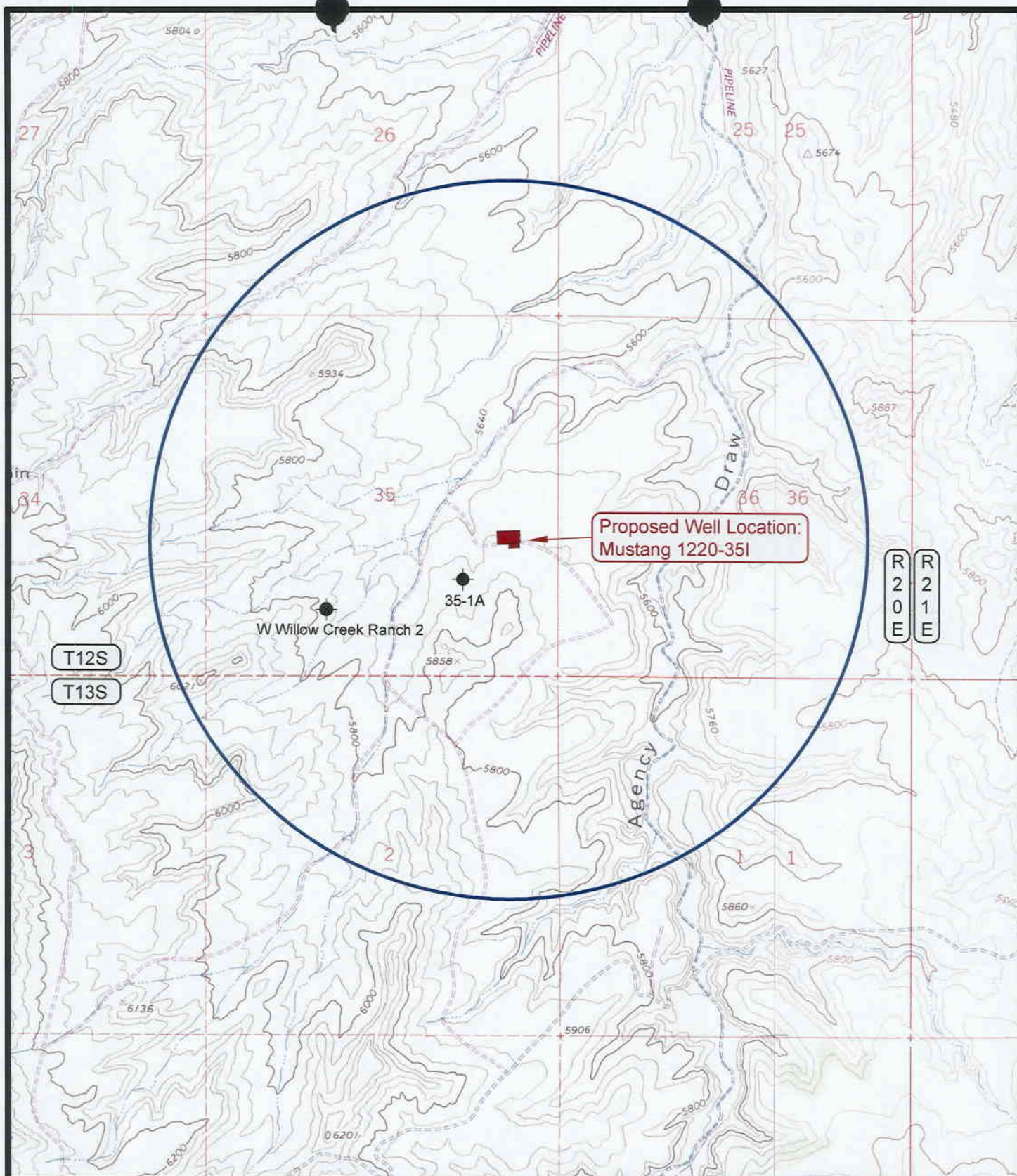
**Mustang 1220-35I**  
**SECTION 35, T12S, R20E, S.L.B.&M.**  
**1989' FSL & 689' FEL**

**Timberline Land Surveying, Inc.**

38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**8**  
**OF 10**





#### LEGEND

- |                    |                                |
|--------------------|--------------------------------|
| ⊗ = DISPOSAL WELL  | ● = WATER WELL                 |
| ● = PRODUCING WELL | ● = ABANDONED WELL             |
| ● = SHUT IN WELL   | ● = TEMPORARILY ABANDONED WELL |
| ○ = PROPOSED WELL  |                                |

#### TOPOGRAPHIC MAP "C"

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 09-21-05

DATE DRAWN: 09-25-05

REVISED:

#### SLATE RIVER RESOURCES, LLC

**Mustang 1220-35I**  
**SECTION 35, T12S, R20E, S.L.B.&M.**  
**1989' FSL & 689' FEL**

#### Timberline Land Surveying, Inc.

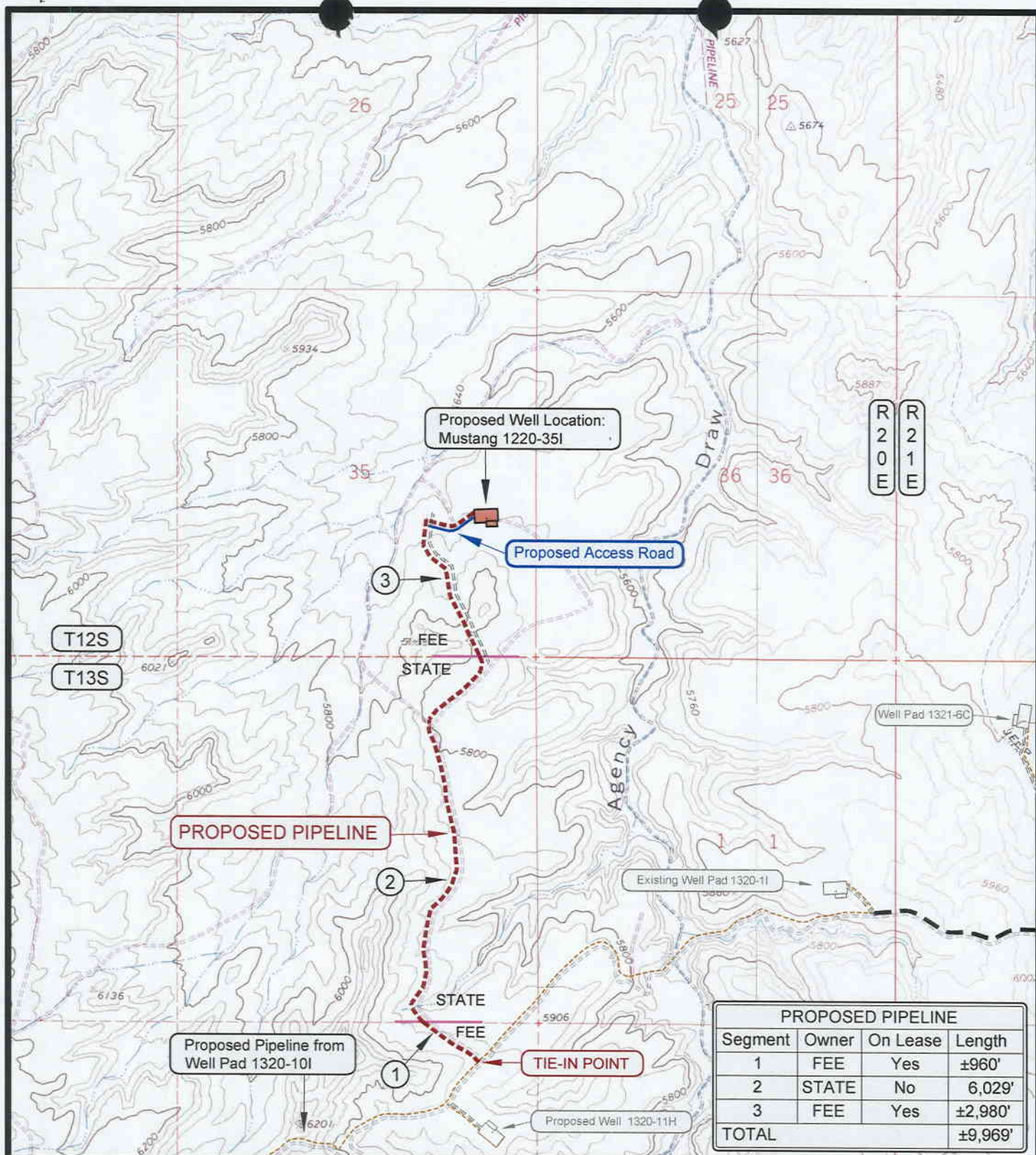
38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

SHEET

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OF 10





**APPROXIMATE PIPELINE LENGTH = 9,969 Feet**

**LEGEND**

- EXISTING PIPELINE  
 - - - PROPOSED PIPELINE  
 --- PROPOSED ACCESS ROAD  
 --- LEASE LINE

**TOPOGRAPHIC MAP "D"**

SCALE: 1" = 2000'

DRAWN BY: M.W.W.

DATE SURVEYED: 09-21-05

DATE DRAWN: 09-25-05

REVISED:

**SLATE RIVER RESOURCES, LLC**

**Mustang 1220-35I**  
**SECTION 35, T12S, R20E, S.L.B.&M.**  
**1989' FSL & 689' FEL**

**Timberline Land Surveying, Inc.**  
 38 West 100 North Vernal, Utah 84078  
 (435) 789-1365

**SHEET**  
**10**  
**OF 10**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/20/2005

API NO. ASSIGNED: 43-047-37287

WELL NAME: MUSTANG 1220-35I

OPERATOR: SLATE RIVER RESOURCES ( N2725 )

CONTACT: GINGER STRINGHAM

PHONE NUMBER: 435-781-1871

PROPOSED LOCATION:

NESE 35 120S 200E

SURFACE: 1989 FSL 0689 FEL

BOTTOM: 1989 FSL 0689 FEL

UINTAH

WILDCAT ( 1 )

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE

SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: MNCS

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.72829

LONGITUDE: -109.6389

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[] Ind[] Sta[] Fee[]  
(No. B001556 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. T75377 )  
☒ RDCC Review (Y/N)  
(Date: 11/08/2005 )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.  
Unit \_\_\_\_\_  
☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ ~~R649-3-3~~. Exception  
☒ Drilling Unit  
Board Cause No: 207-1  
Eff Date: 8-25-83  
Siting: See Cause Order  
☐ R649-3-11. Directional Drill

COMMENTS: Needs Permit (11-02-05)

STIPULATIONS: 1- STATEMENT OF BASIS  
2- Surface Csg Cont step





**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**OPERATOR:** Slate River Resources, LLC  
**WELL NAME & NUMBER:** Mustang 1220-35I  
**API NUMBER:** 43-047-37287  
**LOCATION:** 1/4,1/4 NE/SE Sec:35 TWP: 12S RNG: 20 E 1989' FSL 689' FEL

**Geology/Ground Water:**

Slate River proposes to set 2,000' of surface casing at this location. The base of the moderately saline water is at approximately 3,200 feet in this area. This location lies on the Green River Formation. The proposed location is in a recharge area for the aquifers of the Green River Formation and fresh water can be expected to be found in the Green River. A search of Division of Water Rights records indicates 2 water wells within a 10,000 foot radius of the proposed location. Both wells are 1 mile or more from the proposed location. These wells are owned by Utah Oil Shales they are drilled to a depth of 70 feet and listed as used stock watering. The proposed casing and cement program should adequately protect any useable ground water.

**Reviewer:** Brad Hill **Date:** 11-08-2005

**Surface:**

At the request of Slate River Resources, a pre-site for this well was completed on 11/2/2005. Both the surface and minerals are privately owned. Mr. David Salter represents the owner, Mustang-Eagle Minerals. He was contacted by phone on 10-26-2005 and informed of and invited to participate in the presite. He said the company has no specific concerns and he would not attend.

The area poses no problems for drilling a well.

**Reviewer:** Floyd Bartlett **Date:** 11/3/2005

**Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils with a felt sub-liner shall be properly installed and maintained in the reserve pit..
2. A diversion ditch is required on the slope south of the location. It should be constructed when the spoils are replaced into the reserve pit.



**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

**OPERATOR:** Slate River Resources, LLC

**WELL NAME & NUMBER:** Mustang 1220-35I

**API NUMBER:** 43-047-37287

**LEASE:** FEE **FIELD/UNIT:** Undesignated

**LOCATION:** 1/4, 1/4 NE/SE Sec:35 TWP: 12S RNG: 20 E 1989' FSL 689' FEL

**LEGAL WELL SITING:** Well should be located in NW/4 or SE/4 and 660' from quarter boundary.

**GPS COORD (UTM):** 4399277 Y 0616649 X **SURFACE OWNER:** Mustang-Eagle Oil

**PARTICIPANTS**

Floyd Bartlett (DOGM), John Conley, (Vice President Slate River LLC,) Ginger Stringham, (Permit Consultant), Travis Oldham (Diamond J Construction), Colby Kay (Timberline Land Surveying), Ben Williams (Utah Division of Wildlife Resources)

**REGIONAL/SETTING TOPOGRAPHY**

Site is in Uintah County, Utah in the Agency Draw area approximately 72 miles south east of Vernal, UT. The Willow Creek drainage lies to the east and Hill Creek drainage is to the west. The general topography is characterized by open broad to narrow ridges or plateaus intersected by numerous draws or canyons, which often become steep. Drainage is generally northeasterly into Willow Creek, which contains a perennial stream. All drainages in the Agency Draw area are ephemeral.

Access to the site from Ouray, UT is following the Seep Ridge Road south 29.4 miles from Ouray, UT, then south west 3.2 miles down the Uintah Co. road B-5460 to Willow Cr, then northwest 2.1 miles along Willow Cr and Uintah Co. road B-5120 to the Agency Draw road then following the roads in the Agency Draw area to near the site. (See Topographic Sheets "A and B" of the APD) Approximately 735 feet of new road will be reconstructed to access the site.

This location is on a gentle sloping flat on the north side of a higher knoll. Agency Draw is about ¾ miles to the east. A small drainage runs through the middle of the site.

**SURFACE USE PLAN**

**CURRENT SURFACE USE:** Winter sheep grazing, limited big game hunting and general recreation.

**PROPOSED SURFACE DISTURBANCE:** Location of 340' x 175' and a reserve pit of 80' x 160' with an additional 10' wide bench. Approximately 735 feet of new access road will be constructed. A pipeline 9,969 feet in length will be laid adjacent to the road and is proposed to continue overland across SITLA and Fee lands to a tie in point..

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: See Topographic Map "C".

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well. Pipeline will follow access road, continue across SITLA lands and back to FEE lands to a tie-in point.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be obtained from the site.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST CONCERNS? (EXPLAIN). No public concerns or interests are expected from drilling this well.

#### **WASTE MANAGEMENT PLAN:**

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Commercial contractor will handle sewage facilities, storage and disposal. Trash will be contained in trash baskets and hauled to an approved land fill.

#### **ENVIRONMENTAL PARAMETERS**

AFFECTED FLOODPLAINS AND/OR WETLANDS: None.

FLORA/FAUNA: Vegetated with a Desert shrub type consisting of black sage, shadscale, curly mesquite, broom snakeweed. Wild horses, deer, elk, mountain lion, coyote and other small mammals and birds.

SOIL TYPE AND CHARACTERISTICS: Deep sandy clay loam. Some exposed small fractured shale rock on the location.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems. A diversion ditch is needed on the south side of the location to catch and divert possible flows. This should be constructed after the reserve pit is closed.

PALEONTOLOGICAL POTENTIAL: None observed.

#### **RESERVE PIT**

CHARACTERISTICS: 80' x 160' x 10' deep, located on the southeast corner of the location. , The reserve pit is all within cut. A 15' wide bench is planned around the outer edges. Two feet of freeboard is provided.

LINER REQUIREMENTS (Site Ranking Form attached): Level II sensitivity. A pit liner with a sub liner is required for the reserve pit. The

operator stated they would line the pit with a 20 mil liner and an appropriate sub-liner.

**SURFACE RESTORATION/RECLAMATION PLAN**

As per Land Owner Agreement.

**SURFACE AGREEMENT:**

A surface agreement has been executed and is on file.

**ARCULTURAL RESOURCES/ARCHAEOLOGY:** No Cultural or Archeological survey is required as per the Land Owner Agreement.

**OTHER OBSERVATIONS/COMMENTS**

None.

**ATTACHMENTS**

Photos of this site were taken and placed on file.

FLOYD BARTLETT  
DOGM REPRESENTATIVE

November 2, 2005; 13:30 PM

DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	<u>0</u>
< 100	20	
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

**Final Score**      15      (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.





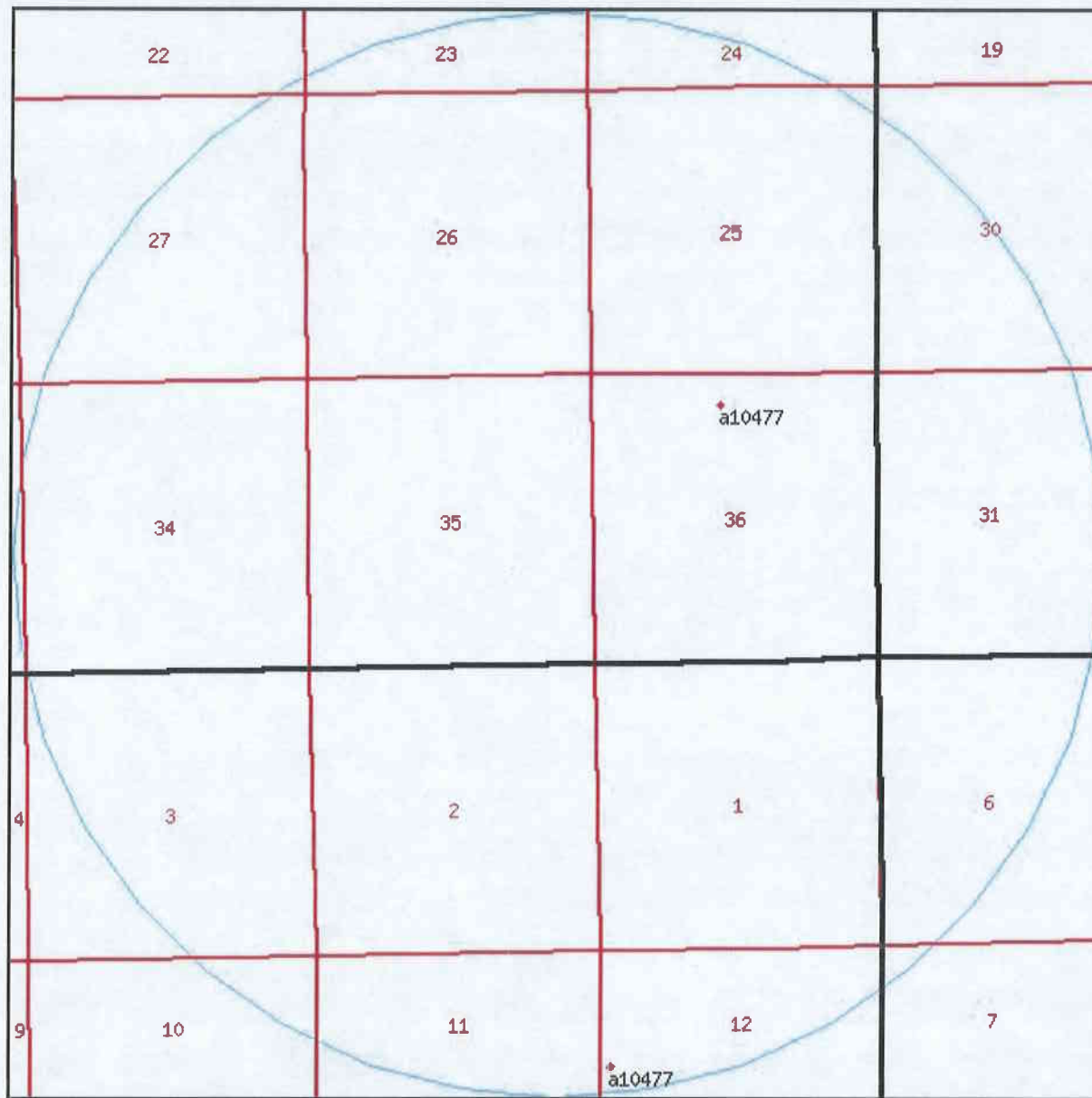


## WRPLAT Program Output Listing

Version: 2004.12.30.00      Rundate: 11/08/2005 10:51 AM

Radius search of 10000 feet from a point N1989 W689 from the SE corner, section 35, Township 12S, Range 20E, SL b&m  
Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all





0 1300 2600 3900 5200 ft

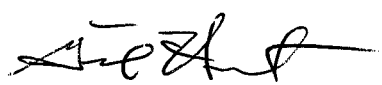


**Water Rights**

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner Name</b>
<u>49-285</u>	Underground S2125 E170 NW 12 13S 20E SL		A	19701203	S	0.015	0.000	UTAH OIL SHALES INC. C/O RAYMOND T. SENIOR, PRESIDENT
<u>49-285</u>	Underground S580 E2375 NW 36 12S 20E SL		A	19701203	S	0.015	0.000	UTAH OIL SHALES INC. C/O RAYMOND T. SENIOR, PRESIDENT
<u>a10477</u>	Underground S2125 E170 NW 12 13S 20E SL		A	19781106	S	0.015	0.000	UTAH OIL SHALES INC. 622 NEWHOUSE BLDG. (10 EXCHANGE PLACE)
<u>a10477</u>	Underground S580 E2375 NW 36 12S 20E SL		A	19781106	S	0.015	0.000	UTAH OIL SHALES INC. 622 NEWHOUSE BLDG. (10 EXCHANGE PLACE)

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

**STATE ACTIONS**  
**Resource Development Coordinating Committee**  
**Governor's Office of Planning and Budget**  
**5110 State Office Building**  
**SLC, UT 84114**  
**Phone No. 537-9230**

<b>1. State Agency</b> Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	<b>2. Approximate date project will start:</b>  Upon Approval or November 7, 2005
<b>3. Title of proposed action:</b> Application for Permit to Drill	
<b>4. Description of Project:</b>  Slate River Resources, LLC proposes to drill the Mustang 1220-35I well (wildcat) on a Fee lease , Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
<b>5. Location and detailed map of land affected (site location map required, electronic GIS map preferred)</b> (include UTM coordinates where possible) (indicate county) 1989' FSL 689' FEL, NE/4 SE/4, Section 35, Township 12 South, Range 20 East, Uintah County, Utah	
<b>6. Possible significant impacts likely to occur:</b> Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
<b>7. Identify local government affected</b> a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
<b>8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable:</b> a. Has the representative and senator been contacted? N/A	
<b>9. Areawide clearinghouse(s) receiving state action:</b> (to be sent out by agency in block 1) Uintah Basin Association of Governments	
<b>10. For further information, contact:</b>     <b>Diana Whitney</b> <b>Phone:</b> (801) 538-5312	<b>11. Signature and title of authorized officer</b>    Gil Hunt, Associate Director <b>Date:</b> October 24, 2005

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO: Fee	6. SURFACE: Fee
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
2. NAME OF OPERATOR: Slate River Resources, LLC		8. UNIT or CA AGREEMENT NAME:	
3. ADDRESS OF OPERATOR: 418 East Main CITY Vernal STATE UT ZIP 84078		PHONE NUMBER: (435) 781-1871	9. WELL NAME and NUMBER: Mustang 1220-351
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1989' FSL & 689' FEL 616649 X 39.728291 AT PROPOSED PRODUCING ZONE: same as above 4398277Y -109.638884		10. FIELD AND POOL, OR WILDCAT: Undesignated Wildcat 11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 35 12S 20E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 72.0 miles south of Vernal, UT		12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 689'	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 900'	19. PROPOSED DEPTH: 8,000	20. BOND DESCRIPTION: B-001556	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5715' GR	22. APPROXIMATE DATE WORK WILL START: 12/1/2005	23. ESTIMATED DURATION: 30 Days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12 1/4	9 5/8 H-40 32#	2,000	CEMENT "V" 180 SKS 3.82 CF 15.8 PPG
			CEMENT "G" 225 SKS 1.15 CF 15.8 PPG
7 7/8	4 1/2 M-80 11.6#	8,000	PREMIUM CEMENT 140 SKS 3.82 CF 11.0 PPG
			CEMENT "G" 580 SKS 1.26 CF 14.15 PPG

25. ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☒ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER  
☒ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER

- ☒ COMPLETE DRILLING PLAN  
☒ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

CONFIDENTIAL

NAME (PLEASE PRINT) Ginger Stringham

TITLE Agent

SIGNATURE

DATE

(This space for State use only)

API NUMBER ASSIGNED:

43-047-37287

APPROVAL:

RECEIVED

OCT 20 2005

DIV. OF OIL, GAS & MINING

S89°58'W - 80.04 (G.L.O.)

WELL LOCATION, MUSTANG 1220-351,  
LOCATED AS SHOWN IN THE NE 1/4  
SE 1/4 OF SECTION 35, T12S, R20E,  
S.L.B.&M. UINTAH COUNTY, UTAH.

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES AND ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.

IS TO CERTIFY THAT THE ABOVE P  
 PARED FROM FIELD NOTES AND OF ACTU  
 E BY ME OR UNDER MY SUPERVISIO  
 SAME ARE TRUE AND CORRECT TO  
 KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 No. 362251  
 KAY R.  
 KAY

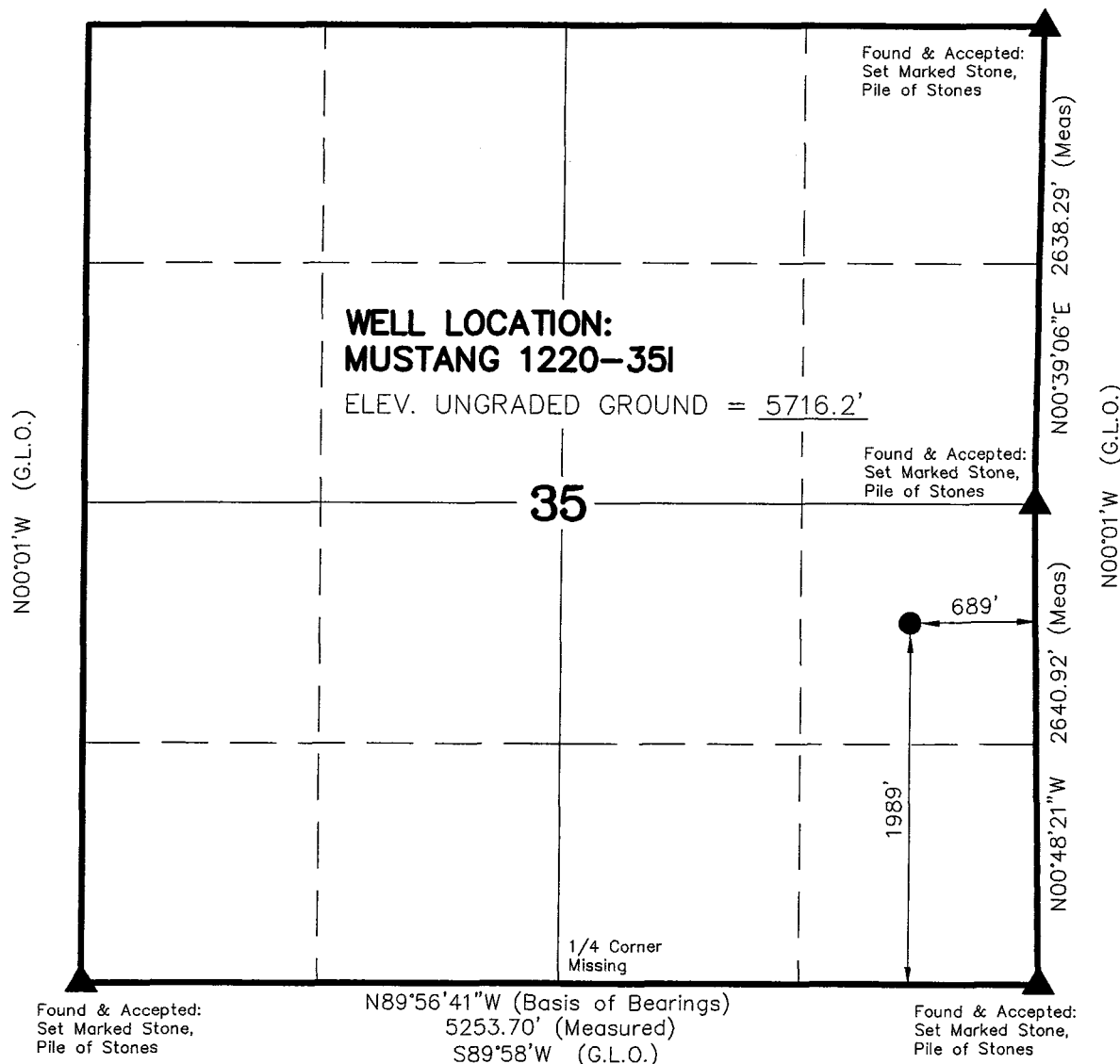
*Kelly R. Kay*

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 362251  
 STATE OF UTAH

38 WEST 100 NORTH. - VERNAL, UTAH 84078  
(435) 789-1365

2

OF 10



**MUSTANG 1220-35I**  
**(Proposed Well Head)**  
**NAD 83 Autonomous**  
 LATITUDE = 39° 43' 41.9"  
 LONGITUDE = 109° 38' 23.0"

▲ = SECTION CORNERS LOCATED

BASIS OF ELEVATION IS BENCH MARK 66 WF 1952  
LOCATED IN THE NE 1/4 OF SECTION 6, T13S, R21E,  
S.L.B.&M. THE ELEVATION OF THIS BENCH MARK IS  
MARKED ON THE AGENCY DRAW NE 7.5 MIN.  
QUADRANGLE AS BEING 5812'.

OF 10

# 11-05 Slate Mustang 1220-551

## Casing Schematic

Green River

Surface

✓ propose TOC Surface

9-5/8"  
MW 8.4  
Frac 19.3

TOC @  
454.

Surface  
2000. MD

2370 washout

3200 BMSW

TOC @  
4243.

4870 Mesaverde

7500 Mancos

Production  
8000. MD

4-1/2"  
MW 8.6

w/11% washout  
Surface w/ 11% washout

propose TOC 2000' or higher  
STIP: TOC ± 2000'  
protect washout

w/15% washout

TOC 2444' w/ 0% washout

TOC @ 1068' w/ 1000 SX

Total (420 Lead, 580 tail)

\* SEE amendment email 11/15/05

BHP

$$(.052)(8.6)(8,000) = 3578$$

Anticipate < 3600

Gas

$$(.12)(8000) = 960$$

$$\text{MASP} = 2618$$

BOPE - 3,000 ✓

Surf esp - 2270

$$70\% = 1589$$

Max pressure @ Surf shoe = 2280

TEST TO 1500# ✓

✓ Adequate Dec 11/14/05

Well name:	<b>11-05 Slate Mustang 1220-351</b>	
Operator:	<b>Slate River Resources, LLC</b>	
String type:	Surface	Project ID: 43-047-37287
Location:	Uintah County, Utah	

**Design parameters:**
**Collapse**

Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 93 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 299 ft

Cement top: 454 ft

**Burst**

Max anticipated surface pressure: 83 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 956 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.

Neutral point: 1,753 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,000 ft  
Next mud weight: 8.600 ppg  
Next setting BHP: 3,574 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 2,000 ft  
Injection pressure 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	9.625	32.30	H-40	ST&C	2000	2000	8.876	126.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	873	1370	1.570	956	2270	2.37	65	254	3.93 J

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: (801) 538-5281  
FAX: (801)359-3940

Date: November 9,2005  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS -**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>11-05 Slate Mustang 1220-351</b>		
Operator:	<b>Slate River Resources, LLC</b>		
String type:	Production	Project ID:	43-047-37287
Location:	Uintah County, Utah		

**Design parameters:**
**Collapse**

Mud weight: 8.600 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**
**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 177 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 4,243 ft

**Burst**

Max anticipated surface pressure: 83 psi  
Internal gradient: 0.436 psi/ft  
Calculated BHP 3,574 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.  
Neutral point: 6,971 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	8000	4.5	11.60	M-80	LT&C	8000	8000	3.875	185.4

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3574	6350	1.777	3574	7780	2.18	93	267	2.88 B

Prepared by: Clinton Dworshak  
Utah Div. of Oil & Mining

Phone: (801) 538-5281  
FAX: (801)359-3940

Date: November 9,2005  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS -**

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*





**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Wildlife Resources**

JAMES F. KARPOWITZ  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

October 31, 2005

Gil Hunt  
Division of Oil Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Subject: RDCC Project #5861, Application for Permit to Drill

Dear Mr. Hunt:

The Utah Division of Wildlife Resources has reviewed the subject document, and we provide the following comments:

We are concerned that the proposed action in conjunction with other proposed wells to be drilled in the area may result in cumulative impact to big game winter range. This area is classified as critical winter range for mule deer and substantial value elk winter range. Disturbances caused by drilling activities and increased human presence in the area increase stress to wintering big game. Increased human activity may cause animals to relocate to less desirable areas. These factors may result in increased winter mortality. We suggest a seasonal closure on new surface disturbances i.e.... pad and road construction and workover activities from November 15 – April 15 to minimize negative impacts to wintering big game animals.

Well pad and road locations should avoid open sagebrush/oakbrush areas and be located within pinion juniper stands where possible. Areas of suitable winter forage should be left undisturbed to minimize forage loss.

Mitigation should be accomplished by completing a habitat restoration project that creates and enhances beneficial habitat that will benefit mule deer and elk and compensate for ground disturbance and habitat loss. Ideas for mitigation may be discussed at the Uintah Basin Conservation and Development group via this office.

Thank you for the opportunity to review this proposed action and provide comment. If you have any questions, please call Ben Williams, Oil and Gas Habitat Biologist, at our Northeast Region, Vernal office (435-781-5357).

Sincerely,

  
Walt Donaldson  
Regional Supervisor

Cc:JFK/TBW/Walt Donaldson/Steve Brayton/Mike Styler/Carolyn Wright

**RECEIVED**  
**NOV 07 2005**  
**DIV. OF OIL, GAS & MINING**

**Clinton Dworshak - Slate River APD Cement Detail**

---

**From:** "JTConley" <jconley@sl8river.com>  
**To:** <clintondworshak@utah.gov>  
**Date:** 11/15/2005 8:56 AM  
**Subject:** Slate River APD Cement Detail  
**CC:** "Ginger Stringham" <gs\_paradigm@yahoo.com>

---

**Clint;**  
**Slate River's cementing practice and program intends to bring the lead cement to surface in each and every well.**

**Actual cement volumes are based on the openhole caliper and cement volume log. Typical cement jobs for the production casing run between 1000 and 1200 sxs total of the lead plus tail.**

**Please note this change for the APDs submitted as shown in the well listing below, and include our intent to bring the cement to surface.**

<b>Well</b>	<b>Spot</b>	<b>S-T-R</b>
Mustang #1220-35I	NESE	35-12S-20E
Mustang #1320-10I	NESE	10-13S-20E
Mustang #1320- 3O	SWSE	3-13S-20E
Mustang #1320-11H	SENE	11-13S-20E
Mustang #1320-13D	NWNW	13-13S-20E
Mustang #1320-14P	SESE	14-13S-20E
Mustang #1320-24E	SWNW	24-13S-20E
Mustang #1320-14D	NWNW	14-13S-20E
UOA #1321- 7P	SESE	7-13S-21E
UOS #1321-17A	NENE	17-13S-21E
UOS #1321- 4M	SWSW	4-13S-21E
Mustang #1320-15B	NWNE	15-13S-20E

**Please contact me if you have questions.**

**thanx,**

**J.T. Conley**  
**Slate River Resources**  
**418 East Main, Suite 18**  
**Vernal, UT 84078**  
**435-781-1870**



November 30, 2005

Ms. Diana Whitney  
Utah Division of Oil, Gas & Mining  
P.O. Box 145801  
Salt Lake City, UT 84114-5801  
Fax 801-359-3940

Re: Supplement to Exception Location  
Mustang 1220-351  
T12S-R20E  
Sec 35: NE/4SE/4 (1.989' FSL, 689' FEL)  
Uintah County, Utah  
Agency Draw Prospect

Dear Ms. Whitney:

Slate River and our partner Mustang Fuel Corporation propose drilling the captioned well to test the Wasatch and Mesaverde Formations. The well is an exception to Spacing Order 207-1 because of topography and our desire to keep the wells near existing access roads. Slate River and Mustang own the offset leasehold within 660' of the location and do not have an objection to the exception location.

The survey plats and application have been provided to you from Vernal. Please approve the request for a well permit at your convenience.

Sincerely,



Bruce E. Johnston  
Vice President Land  
BEJ/172



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 30, 2005

Slate River Resources, LLC  
418 East Main  
Vernal, UT 84078

Re: Mustang 1220-35I Well, 1989' FSL, 689' FEL, NE SE, Sec. 35, T. 12 South,  
R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37287.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor

Operator: Slate River Resources, LLC  
Well Name & Number Mustang 1220-35I  
API Number: 43-047-37287  
Lease: Fee

Location: NE SE Sec. 35 T. 12 South R. 20 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

5. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.

6. Surface casing shall be cemented to the surface.

CONFIDENTIAL

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: SLATE RIVER RESOURCES LLC

Well Name: MUSTANG 1220-35I

Api No: 43-047-37287 Lease Type: FEE

Section 35 Township 12S Range 20E County UINTAH

Drilling Contractor PETE MARTIN RIG # BUCKET

### SPUDDED:

Date 12/03/05

Time 9:00 AM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by RANDY DUGAN

Telephone # 1-435-828-7967

Date 12/05/2005 Signed CHD

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: Slate River Resources, LLC  
Address: 418 E. Main Suite 18  
Vernal  
UT 84078

Operator Account Number: N 2725  
Phone Number: (435) 781-1870

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737287	Mustang 1220-351	NESE	35	12S	20E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15102	12/3/2005	12/15/05		
Comments: MIRU Pete Martin bucket rig. Spud @ 9:00 a.m. on 12/3/05 MNCs CONFIDENTIAL K						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304737294	Mustang 1320-30	SWSE	3	13S	20E	Utah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	15103	12/4/2005	12/15/05		
Comments: MIRU Pete Martin bucket rig. Spud @ 5:00 p.m. on 12/4/05 MNCs CONFIDENTIAL K						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
Comments:						

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Lucy Nemec

Name (Please Print)

Signature Lucy Nemec

Sr. Operations Specialist

12/8/2005

Title

Date

(5/2000)

RECEIVED  
DEC 08 2005  
DIV. OF OIL, GAS & MINING

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill or deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT -" for such proposals		5. Lease Designation and Serial Number: <p style="text-align: center;"><b>FEE</b></p>
1. Type of Well:    OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:		6. If Indian, Allottee or Tribe Name:
2. Name of Operator: <p style="text-align: center;"><b>SLATE RIVER RESOURCES, LLC</b></p>		7. Unit Agreement Name:
3. Address and Telephone Number: <p style="text-align: center;"><b>418 E. MAIN SUITE 18 VERNAL, UT 84078</b></p>		8. Well Name and Number: <p style="text-align: center;"><b>MUSTANG 1220-351</b></p>
4. Location of Well: Footages: <b>1989' FSL &amp; 689' FEL</b> QQ, Sec., T., R., M.: <b>NE/SE SEC 35 T12S R20E SLC MERIDIAN</b>		9. API Well Number: <p style="text-align: center;"><b>43-047-37287</b></p>
		10. Field and Pool, or Wildcat: <p style="text-align: center;"><b>WILDCAT</b></p>
		County: <b>UINTAH</b> State: <b>UT</b>

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon  <input type="checkbox"/> Repair Casing  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Convert to Injection  <input type="checkbox"/> Fracture Treat or Acidize  <input type="checkbox"/> Multiple Completion  <input type="checkbox"/> Other _____           </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Recomplete  <input type="checkbox"/> Reperforate  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off           </div> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> Abandon*  <input type="checkbox"/> Repair Casing  <input type="checkbox"/> Change of Plans  <input type="checkbox"/> Convert to Injection  <input type="checkbox"/> Fracture Treat or Acidize  <input checked="" type="checkbox"/> Other <u>Spud Notice / Cement Surface Casing</u> </div> <div style="width: 48%;"> <input type="checkbox"/> New Construction  <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Reperforate  <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Water Shut-Off           </div> </div>
Approximate date work will start _____ <div style="text-align: center; font-size: 2em; transform: rotate(-15deg); opacity: 0.5;">CONFIDENTIAL</div>	Date of work completion <u>12/6/2005</u> Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. * Must be accompanied by a cement verification report.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Pete Martin Rathole Drilling MI&RU Bucket Truck. The well was spud at 9 :00 am on 12/3/05. 40' of 14" conductor pipe was cemented with 4 yards of ready-mix cement.

12/4 -12/10/05

Bill Jr. Rathole Drilling, Inc. MI&RU. Drilled a 12-1/4" surface hole to 2070'. Set 2036' (48 Jts) of 9-5/8" 32.30# H-40 ST&C as follows:

Lead: 160 sx 16% Gel, 10#/sk Gilsonite, 3% salt, 1/4#/sk flocele, 3#/sk GR-3

Tail: 200 sx w/ 2% Cacl2, 1/4#/sk flocele. No circ during primary job.

Top Job: 450 sx w/4% Cacl2

13. Name and Signature: Lucy Nemecek Title: SR. Operations Spec Date: 20-Dec-05  
 Lucy Nemecek

(This space for State use only.)

RECEIVED

DEC 22 2005

DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED

DEC 30 2005

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

1. Type of Well: OIL ☐ GAS ☒ OTHER:

2. Name of Operator:

SLATE RIVER RESOURCES, LLC

**CONFIDENTIAL**

3. Address and Telephone Number:

418 E. MAIN SUITE 18 VERNAL, UT 84078

4. Location of Well:

Footages: 1989' FSL &amp; 689' FEL

QQ, Sec., T., R., M.: NE/SE SEC 35 T12S R20E SLC MERIDIAN

County: UINTAH

State: UT

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

MUSTANG 1220-351

9. API Well Number:

43-047-37287

10. Field and Pool, or Wildcat:

WILDCAT

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other          | Set & Cement Production Casing                |

Date of work completion 12/25/2005

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

12/10 -12/25/05

MIRU Union Rig #7. Drilled a 7-7/8" hole from 2070' - 7710'.

Ran 182 jts of new 4-1/2" 11.60# M-80 LT&amp;C casing and set @ 7706'.

Big 4 Cementing cemented production casing with 1160 sx cement as follows:

Lead - 300 sx of 16% Gel - 10# sk Gilsonite, 3% salt, 1/4# flocele, 3# sk GR-3

Tail - 860 sx - 50/50 Poz, 10% salt, 3% FLD .3% dispersant, 29% Gel, 1/4# sk flocele

Good returns throughout job - Float held

Rig Released @ 2100 12/25/05. RDMOL. WO Completion Rig

13.

Name and Signature:

Lucy Nemec

Title: SR. Operations Spec

Date: 29-Dec-05

(This space for State use only.)

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

CONFIDENTIAL

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL		OIL WELL <input type="checkbox"/>		GAS WELL <input checked="" type="checkbox"/>		DRY <input type="checkbox"/>		Other _____		7. UNIT AGREEMENT NAME					
1b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/>		WORK OVER <input type="checkbox"/>		DEEP-EN <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		DIFF. RESVR. <input type="checkbox"/>		Other _____		8. FARM OR LEASE NAME, WELL NO.	
2. NAME OF OPERATOR		Slate River Resources LLC		9. API NO.		43-047-37287		10. FIELD AND POOL OR WILDCAT		WILDCAT		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		NESE SEC 35, T12S R20E SL&M	
3. ADDRESS AND TELEPHONE NO.		418 E. Main St. Suite 18, Vernal, UT 84078		435-781-1870		12. COUNTY		UINTAH		13. STATE		UTAH		17. ELEVATIONS (DF, RKB, RT, GR, ETC.)	
4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements)		At Surface		1989' FSL 689' FEL		At top prod. Interval reported below		At total depth		14. DATE SPURRED		15. DATE T.D. REACHED		16. DATE COMPL. (Ready to prod. or Plug & Abandon <input type="checkbox"/> Ready to Prod <input checked="" type="checkbox"/> )	
14. DATE SPURRED		12/3/05		15. DATE T.D. REACHED		12/22/05		16. DATE COMPL. (Ready to prod. or Plug & Abandon <input type="checkbox"/> Ready to Prod <input checked="" type="checkbox"/> )		17. ELEVATIONS (DF, RKB, RT, GR, ETC.)		5715 GL, 5730.6 KB		CABLE TOOLS	
18. TOTAL DEPTH, MD & TVD		7710 MD 7710 TVD		19. PLUG, BACK T.D., MD & TVD		7648 TD 7648 MD		20. IF MULTIPLE COMPL., HOW MANY 3		21. DEPTH BRIDGE PLUG SET: TVD		25. WAS DIRECTIONAL SURVEY MADE		NO	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)		Mesaverde 6406' - 6686, Sego 6862 - 6867, Blackhawk 7538' - 7616', MD & TVD		26. TYPE ELECTRIC AND OTHER LOGS RUN		SD/DSN/HRI, CBL/CCL/VDL		27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (Submit analysis)		DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED		SIZE		TOP (MD)	
9-5/8" H-40		32.30#		2036		12-1/4"		360 sxs "G" & 460 sxs top job		None		2-3/8"		7486	
4-1/2" M-80		11.60#		7706		7-7/8"		300 sxs Lead Prem, 860 sxs Tail "50/50"		None		TOC @ 1660'			
31. PERFORATION RECORD (Interval, size and number)		INTERVAL		SIZE		NUMBER		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED		WELL STATUS (Producing or shut-in)	
See attached								6406 - 6410		27,036# 30/50 Sand ATR 11.3 BPM, ATP 2598 PSI				Producing	
33.*		PRODUCTION		DATE FIRST PRODUCTION		4/10/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)		Flowing / Intermittter		WELL STATUS (Producing or shut-in)		Producing	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL--BBL.		GAS--MCF.		WATER--BBL.		GAS-OIL RATIO	
4/11/06		24		8/64		----->		6		1058		63		176:1	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL--BBL.		GAS--MCF.		WATER--BBL.		OIL GRAVITY-API (CORR.)			
1761		1917		----->		6		1058		63					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		Sold		TEST WITNESSED BY											
35. LIST OF ATTACHMENTS		Perforation Record													

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

**SIGNED**

TITLE *Sr. Operations Specialist*

DATE 6/23/2006

**See Spaces for Addition Data on Reverse Side**

JUL 03 2006

DIV. OF OIL, GAS & MINING

# INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES: Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.				38. GEOLOGIC MARKERS		
Formation	Top	Bottom	Description, contents, etc.	Name	Top	
					Meas. Depth	True Vert. Depth
Wasatch	2336		Shale, Sandstone	CONFIDENTIAL		
Mesaverde	4267		Shale, Sandstone			
Castlegate	6707		Shale, Sandstone TR Coal			
Mancos	7043		Sandstone & Shale			
Blackhawk	7143		Sandstone & Shale			

Mesaverde and Mancos are comingled. Test on 9/20/05 included both intervals.

Attachment to Completion Report

**Mustang 1220-35I**

CONFIDENTIAL

**27. PERFORATION RECORD**

<u>Formation</u>	<u>Interval</u>	<u>Size</u>	<u>No Holes</u>	<u>Status</u>
Blackhawk	7613 - 7616	0.035	6	2 SPF Open
Blackhawk	7568 - 7570	0.035	4	2 SPF Open
Blackhawk	7535 - 7538	0.035	6	2 SPF Open
Sego	6862 - 6867	0.035	10	2 SPF Open
Mesaverde	6684 - 6686	0.035	4	2 SPF Open
Mesaverde	6603 - 6605	0.035	4	2 SPF Open
Mesaverde	6568 - 6570	0.035	4	2 SPF Open
Mesaverde	6540 - 6542	0.035	4	2 SPF Open
Mesaverde	6406 - 6410	0.035	8	2 SPF Open
		<b>Total</b>	<b>50</b>	

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for **CONFIDENTIAL**

1. Type of Well: OIL ☐ GAS ☒ OTHER

2. Name of Operator:

SLATE RIVER RESOURCES, LLC

3. Address and Telephone Number:

418 E. MAIN VERNAL UT 84078

4. Location of Well:

Parages:

See attached

QQ. Sec. T., R., M.:

5. Lease Designation and Serial Number:

FEE

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

See attached

9. API Well Number:

43-047-37287

10. Field and Pool or Widocat

County: UINTAH

State: UT

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## NOTICE OF INTENT

(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                                     | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing                               | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                             | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection                        | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Fracture Treat or Acidize                   | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                         | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other Disposal of Produced Water |   |

Approximate date work will start 1/25/2006

## SUBSEQUENT REPORT

(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon*                  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Reperforate          |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                     |   |

Date of work completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL  
COMPLETION OR RECOMPLETION REPORT AND LOG FORM.

\* Must be accompanied by a cement verification report.

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

Slate River Resources LLC requests approval to dispose of produced water at either one or both of the approved disposal sites listed below for the attached list of producing wells.

Dalbo/Ace  
6848 W. Hwy 40  
Vernal, UT

Dalbo Inc. Glen Bench Disposal  
26800 S. Glen Bench Road  
Vernal, Utah

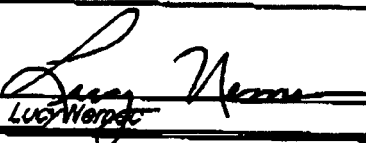
COPY SENT TO OPERATOR

Date: 10-13-06

Initials: RM

13.

Name and Signature:

  
Lucy Nemo

Title: SR Operations Specialist

Date: 11-Sep-06

(This space for State use only.)

Accepted by the  
Utah Division of  
Oil, Gas and Mining

(4/84)

Date: 10-12-06

By: 

(See Instructions on Reverse Side)

RECEIVED

OCT 12 2006

DIV. OF OIL, GAS &amp; MINING

**SLATE RIVER RESOURCES LLC**  
**AGENCY DRAW PRODUCING WELLS**  
**OCTOBER 12, 2006**

Well	Field	Lease	API #	Spot	Description S-T-R	County	State
UOS #1321- 9P	Agency Draw	Fee	43-047-36375	SESE	9-13S-21E	Uintah	Utah
Mustang #1320- 1I	Agency Draw	Fee	43-047-36384	NESE	1-13S-20E	Uintah	Utah
UOS #1321- 9L	Agency Draw	Fee	43-047-36376	NWSW	9-13S-21E	Uintah	Utah
UOA #1321- 7A	Agency Draw	Fee	43-047-36372	NENE	7-13S-21E	Uintah	Utah
UOA #1321- 6G	Agency Draw	Fee	43-047-36370	SWNE	6-13S-21E	Uintah	Utah
UOA #1321- 8C	Agency Draw	Fee	43-047-36373	NENW	8-13S-21E	Uintah	Utah
Mustang #1321- 7F	Agency Draw	Fee	43-047-36371	SENE	7-13S-21E	Uintah	Utah
Mustang #1320-12A	Agency Draw	Fee	43-047-36369	NENE	12-13S-20E	Uintah	Utah
Mustang #1321- 6C	Agency Draw	Fee	43-047-36383	NENW	6-13S-21E	Uintah	Utah
UOS #1321- 8A	Agency Draw	Fee	43-047-36374	NENE	8-13S-21E	Uintah	Utah
Mustang #1220-35I	Agency Draw	Fee	43-047-37287	NESE	35-12S-20E	Uintah	Utah
Mustang #1320-10I	Agency Draw	Fee	43-047-37291	NESE	10-13S-20E	Uintah	Utah
Mustang #1320-11H	Agency Draw	Fee	43-047-37295	SENE	11-13S-20E	Uintah	Utah
Mustang #1320-24E	Agency Draw	Fee	43-047-37298	SWNW	24-13S-20E	Uintah	Utah
Mustang #1320-14P	Agency Draw	Fee	43-047-37288	SESE	14-13S-20E	Uintah	Utah
Mustang #1320-13D	Agency Draw	Fee	43-047-37289	NWNW	13-13S-20E	Uintah	Utah
Mustang #1320-14D	Agency Draw	Fee	43-047-37296	NWNW	14-13S-20E	Uintah	Utah



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**2/21/2008**

**FROM: (Old Operator):**

N2725-Slate River Resources, LLC  
 418 E Main, Suite 18  
 Vernal, UT 84078

Phone: 1 (435) 781-1874

**TO: ( New Operator):**

N1675-Mustang Fuel Corporation  
 13439 Broadway Ext.  
 Oklahoma City, OK 73114-2202

Phone: 1 (405) 748-9487

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 3/28/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 3/18/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 4/28/2008
- a. Is the new operator registered in the State of Utah: Yes Business Number: 1467562-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ Requested
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: \_\_\_\_\_
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**  
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**  
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 4/28/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/28/2008
- Bond information entered in RBDMS on: 4/28/2008
- Fee/State wells attached to bond in RBDMS on: 4/28/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: n/a
  - Indian well(s) covered by Bond Number: n/a
  - a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 400KB7078
  - b. The **FORMER** operator has requested a release of liability from their bond on: 4/18/2008 Disposal Facilities only
- The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 4/28/2008

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Mustang Fuel Corporation N1675		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 13439 Broadway Extension CITY Oklahoma City STATE OK ZIP 73114-2202		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (405) 748-9487		8. WELL NAME and NUMBER: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached schedule of wells		9. API NUMBER: See attach
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached
COUNTY: Uintah		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 2/21/2008	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Mustang Fuel Corporation requests a change of operator from Slate River Resources, LLC to Mustang Fuel Corporation, effective February 21, 2008 for the wells and facilities listed on the attached schedule.

The bond numbers for Mustang Fuel Corporation are:

State of Utah DOGM Bond 400KB7078

State of Utah Bond of Lessee

Federal Utah Statewide Bond

NAME (PLEASE PRINT) Jim Hill	TITLE Operations Manager
SIGNATURE <i>Jim Hill</i>	DATE 2/21/2008

(This space for State use only)

APPROVED 4128108

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

MAR 18 2008

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
2. NAME OF OPERATOR: Slate River Resources, LLC <i>N2725</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 418 E. Main, Suite 18 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 781-1874		8. WELL NAME and NUMBER: See attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached schedule of wells		9. API NUMBER: See attach
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: See attached

COUNTY: Uintah

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>2/21/2008</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Slate River Resources, LLC requests a Change of Operator from Slate River Resources, LLC to Mustang Fuel Corporation on the wells listed on the attached schedule including a change of Operator for the AD Disposal Pit 1, AD Disposal Pit #2 and the Willow Creek Compressor facility effective 2/21/08.

NAME (PLEASE PRINT) <u>Lucy Nemec</u>	TITLE <u>Sr. Operations Specialist</u>
SIGNATURE <u><i>Lucy Nemec</i></u>	DATE <u>3/27/2008</u>

(This space for State use only)

APPROVED 4/28/08  
*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(5/2000)

(See Instructions on Reverse Side)

RECEIVED  
MAR 28 2008  
DIV. OF OIL, GAS & MINING

[illegible]

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: MUSTANG 1220-35I	
2. NAME OF OPERATOR: MUSTANG FUEL CORPORATION	9. API NUMBER: 43047372870000	
3. ADDRESS OF OPERATOR: 418 East Main , Vernal , UT, 84078	PHONE NUMBER: 405 748-9487 Ext	9. FIELD and POOL or WILDCAT: AGENCY DRAW
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FSL 0689 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>5/15/2015</b>	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input checked="" type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Shut in effective 5/15/2015. Expectations are to plug well within the next 6 months.

Approved by the  
June 04, 2015  
Oil, Gas and Mining

Date: \_\_\_\_\_

By: Derek Duff

NAME (PLEASE PRINT) Angelia Duffy	PHONE NUMBER 405 748-9261	TITLE Operations Tech
SIGNATURE N/A		DATE 5/28/2015

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: MUSTANG 1220-35I	
2. NAME OF OPERATOR: MUSTANG FUEL CORPORATION	9. API NUMBER: 43047372870000	
3. ADDRESS OF OPERATOR: 418 East Main, Vernal, UT, 84078	PHONE NUMBER: 405 748-9487 Ext	9. FIELD and POOL or WILDCAT: AGENCY DRAW
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FSL 0689 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <b>8/31/2015</b>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

1. MIRU Peak Well Service, ND WH, NU BOP. Unset TAC and POOH w/ tbq. 2. RIH w/ CIBP to +/- 6820' (Top of Sego). Set CIBP and spot 10 sks Cement on plug 3. PU workstring and RIH to +/- 6400'. Set the following plugs: a. 20 sks plug at Top of Mesaverde perms (+/- 6200-6400') b. 25 sks plug at Top of Wasatch (+/- 2100-2400') c. Cut casing at +/- 1650' and spot 50 sks over cut d. Fill surface w/ 60 sks from 150-0'. 4. ND BOP Cut off wellhead. Install P&A Marker w/ cement. RDMO Peak Well Service. Cut Anchors.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: September 08, 2015

By: *Derek Duff*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Angelia Duffy	PHONE NUMBER 405 748-9261	TITLE Operations Tech
SIGNATURE N/A		DATE 8/20/2015





**The Utah Division of Oil, Gas, and Mining**

- State of Utah  
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

**Sundry Conditions of Approval Well Number 43047372870000**

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #3: A 100' cement plug ( $\pm 10$  sx) shall be balanced from 4300' to 4200' to isolate the Mesaverde formation.**
- 3. Add Plug #4: A 100' cement plug ( $\pm 10$  sx) shall be balanced from 3250' to 3150' to isolate the Base of Moderately Saline Ground Water as required by R649-3-24-3.3.**
- 4. Amend Plug #5: Plug shall be balanced from 2300' to 20000' to isolate the surface shoe as required by R649-3-24-3.6.**
- 5. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 6. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 7. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 8. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 9. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 10. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

9/2/2015

## Wellbore Diagram

r263

API Well No: 43-047-37287-00-00

Permit No:

Well Name/No: MUSTANG 1220-35I

Company Name: MUSTANG FUEL CORPORATION

Location: Sec: 35 T: 12S R: 20E Spot: NESE

Coordinates: X: 616587 Y: 4398482

Field Name: AGENCY DRAW

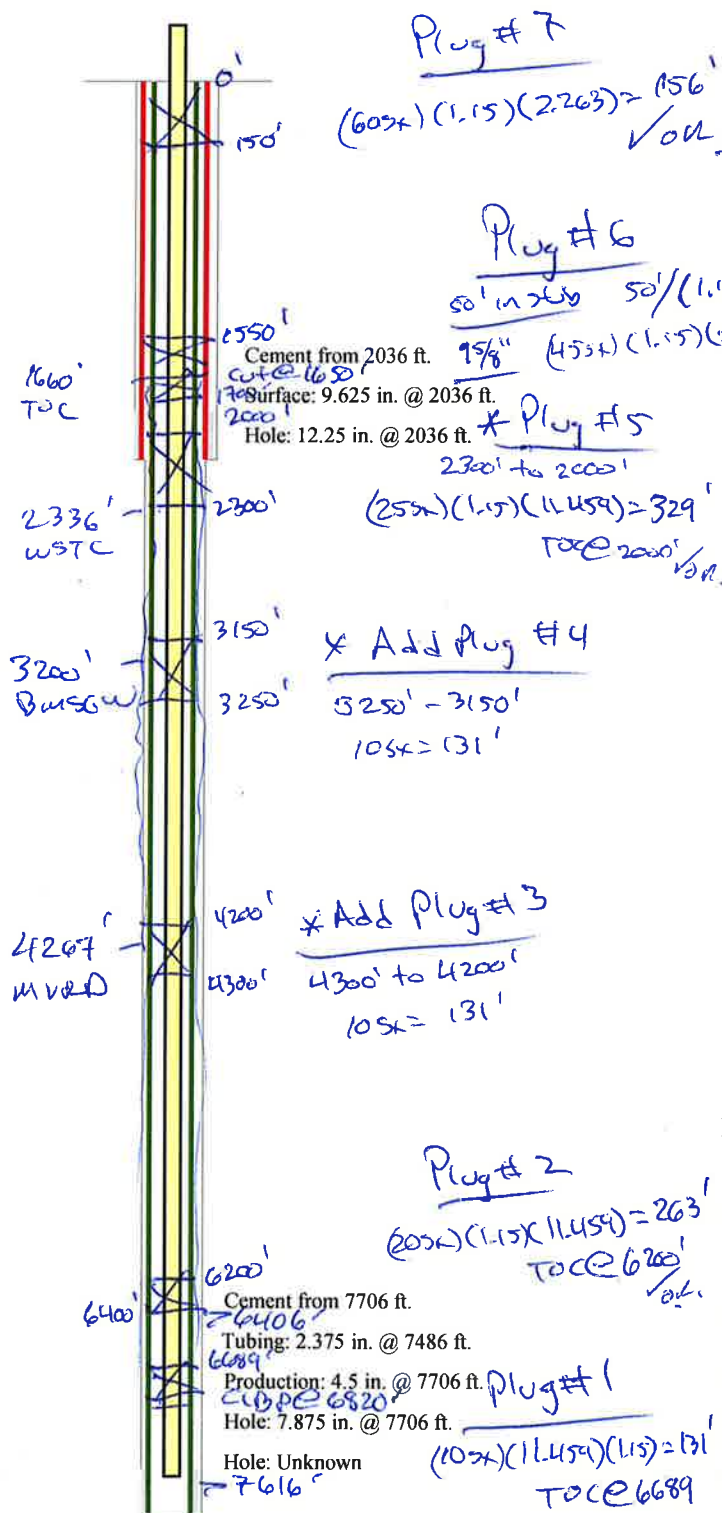
County Name: UINTAH

## String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (F/CF)
HOL1	2036	12.25			
SURF	2036	9.625	32.3	2036	2.263
HOL2	7706	7.875			
PROD	7706	4.5	11.6	7706	11.459
T1	7486	2.375			

9 5/8" x 4 1/2"

3.090



## Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	7706	1660'	PC	860
PROD	7706		PM	300
SURF	2036	Top Job	G	360
SURF	2036	450 SX	UK	460

## Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
6406	7616			

## Formation Information

Formation	Depth
BMSLW	3200'
WSTCH	2336'
MVRD	4267'
CSTLCT	6707'
MWCS	7043'
BLK HWK	7143'

TD: 7710 TVD: 7710 PBD: 7648

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
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1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: MUSTANG FUEL CORPORATION		8. WELL NAME and NUMBER: MUSTANG 1220-35I
3. ADDRESS OF OPERATOR: 418 East Main, Vernal, UT, 84078		9. API NUMBER: 43047372870000
PHONE NUMBER: 405 748-9487 Ext		9. FIELD and POOL or WILDCAT: AGENCY DRAW
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1989 FSL 0689 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 35 Township: 12.0S Range: 20.0E Meridian: S		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input checked="" type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	OTHER: <input style="width: 100px;" type="text"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/18/2015				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

RU & bleed down well, ND WH, NU BOP's, pkr would not release, RU power swivel, cont to work pkr but it would not release, RU perforators, RIH w/ gauge ring, tagged up @ 7518', pull out, RIH w/ free point tool, pipe stuck 100% @ 6700', free up @ 6600', cut tbg @ 6590', pull 30' WL, hung up, worked line f/ 3 hrs pumping down tbg, work tbg line but would not come free, line parted, POOH, left 15' line & tools in hole, LD 209 jts 2 3/8" tbg, tools were not in tbg, PU 3 7/8" bit & bit sub, PU 44 jts of 2 3/8" work string f/ kill string, PU work string & bit, run it to 6550', POOH, PU 4 1/2" CIBP, RIH to 6384', set & fill csg w/ 14 bbls, press test to 1500# f/ 15 mins, spot 20 sx cmt, pull up to 4303' EOT, spot 10 sx, pull up, reverse out, pull 20 jts, reverse out, LD tbg to 3259' EOT, spot 10 sx, balance plug, pull up, reverse out, LD to 2306' EOT, pump 255 sx, balance plug, pull up, reverse out, POOH w/ 2 3/8", ND tbg head, pull 4 1/2" out of slips, RU WL freepoint to 1650', 90% free, cut csg @ 1638', RD WL, LD 38 jts csg, NU tbg head, RIH w/ 2 3/8", EOT @ 1658', pump 50 sx, balance plug across, cut, POOH, RIH & tag cmt @ 1494', LD tbg, RIH 150', fill surf cg w/ 75 sx, weld on marker, plugged 9-18-15.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 28, 2015

NAME (PLEASE PRINT) Angelia Duffy	PHONE NUMBER 405 748-9261	TITLE Operations Tech
SIGNATURE N/A		DATE 10/28/2015